



Pathology

& Laboratory Medicine

— FACULTY OF MEDICINE · UNIVERSITY OF BRITISH COLUMBIA

2025

ANNUAL REPORT

Content



Executive Summary

PAGE 04



Department Fact Sheet

PAGE 31



Associate & Affiliated Department Heads

PAGE 09



Appendix: Funding & Publications 2025

PAGE 40



Highlighted Research, Special Mentions & Awards

PAGE 17



VISION

Transform laboratory medicine and our understanding of disease for better health.



MISSION

We are an inclusive Department of Pathology & Laboratory Medicine where cutting-edge discoveries are made, future leaders in medicine are trained, and patients receive the highest quality of care.



VALUES

Global relevance, societal commitment, integrity, collegiality, curiosity & innovation, equity & inclusiveness.



FROM THE DEPARTMENT HEAD

A Message from Dr. Zu-Hua Gao

Advancing Discovery. Improving Health. Building the Future Together.

It is my great pleasure to present the 2025 Annual Report of the UBC Department of Pathology & Laboratory Medicine.

This report reflects much more than a year's accomplishments—it tells the story of a department united by a shared commitment to improving health through excellence in patient care, education, research, and innovation. Across British Columbia, our faculty, clinical faculty, staff, learners, and partners continue to demonstrate extraordinary dedication to advancing laboratory medicine and deepening our understanding of disease for the benefit of patients and society.

Our department occupies a unique position within the Faculty of Medicine and the provincial health system. We bridge basic science with clinical care, molecular discovery with diagnostic practice, and education with innovation. Every day, our work informs clinical decision-making, supports precision medicine, trains future healthcare professionals, and generates new knowledge that improves lives. While much of our work occurs behind the scenes, its impact reaches every patient, every hospital, and every community in British Columbia.

This past year has been one of remarkable progress.

 We strengthened our position as one of Canada's leading academic pathology departments while continuing to expand our international research profile. Our investigators secured significant competitive funding, developed new collaborative research platforms, advanced translational science, and expanded opportunities for early-career investigators through initiatives such as the Pathology Grant Application Practicum and our growing core research facilities. These achievements reflect not only scientific excellence but also a collaborative culture that enables innovation to flourish.

 Education remained at the heart of everything we do. From undergraduate and graduate education to residency and fellowship training, our faculty continued to prepare the next generation of physicians, scientists, laboratory professionals, and academic leaders. New educational programs, curriculum innovations, strong trainee outcomes, and expanding learner engagement demonstrate our ongoing commitment to educational excellence and lifelong learning.

 Equally important has been our commitment to serving the entire province. Through our distributed academic model, associate academic department heads and affiliated teaching hospital leaders continue to strengthen academic pathology across every health authority. Weekly province-wide rounds have connected colleagues from every region, fostering collaboration, sharing expertise, and creating an increasingly integrated academic community. Together, we are demonstrating that excellence in academic medicine is strengthened—not diminished—by collaboration across geography.

 Internally, we continued building a stronger and more sustainable department. We advanced strategic financial stewardship, supported faculty development, launched new clinician-scientist initiatives, strengthened communication across our distributed community, and continued implementation of recommendations arising from the Faculty of Medicine's external review. These efforts position us well for continued growth while reinforcing our commitment to transparency, inclusiveness, and responsible leadership.

None of these accomplishments would have been possible without the remarkable people who make up our department.

I extend my sincere gratitude to our Executive Committee, Associate Academic Department Heads, Affiliated Teaching Hospital Heads, faculty, clinical faculty, researchers, laboratory professionals, administrative staff, learners, alumni, donors, and our many collaborators across the Faculty of Medicine, Provincial Laboratory Medicine Services, BC Cancer, and all regional health authorities. Your expertise, professionalism, generosity, and unwavering commitment to excellence are the foundation of everything we have achieved.

 Looking ahead, medicine is entering a period of profound transformation. Artificial intelligence, digital pathology, genomics, spatial biology, precision diagnostics, and data-driven healthcare are rapidly reshaping how we discover disease, deliver care, and educate future health professionals. At the same time, healthcare systems face unprecedented challenges, including workforce shortages, increasing complexity of patient care, financial pressures, health inequities, and rapidly expanding scientific knowledge.

These challenges also present extraordinary opportunities.

Our department is well positioned to help lead this transformation. By embracing innovation while maintaining our unwavering commitment to scientific rigor, education, collaboration, and patient-centred care, we will continue to advance pathology and laboratory medicine as an essential driver of healthcare innovation and improved health outcomes. We will further strengthen our research enterprise, expand educational excellence, cultivate future leaders, foster interdisciplinary partnerships, and build a more connected academic community across British Columbia.

As you read this report, I hope you will share my pride in what our department has accomplished together. More importantly, I hope you will see the tremendous potential that lies ahead. Our greatest achievements are not measured solely by publications, grants, or awards, but by the patients we serve, the learners we inspire, the discoveries we make, and the collective impact we have on the health of our communities.

Thank you to everyone who has contributed to another outstanding year. I look forward to continuing this journey together as we shape the future of pathology, laboratory medicine, and academic healthcare.

Dr. Zu-hua Gao, MD, PhD, FRCPC, FCAHS, FRSM

Professor and Head · Department of Pathology & Laboratory Medicine

The University of British Columbia

THE PEOPLE BEHIND THE PORTFOLIOS

Leadership across British Columbia

An executive committee, associate department heads in every health authority, and the heads of our affiliated teaching hospitals.

I DEPARTMENT OF PATHOLOGY & LABORATORY MEDICINE ADMINISTRATIVE OFFICE VANCOUVER



Dr. Zu-Hua Gao
DEPARTMENT HEAD



Dr. Cheryl Wellington
VC, RESEARCH



Dr. Mike Nimmo
VC, CLINICAL
EDUCATION



Dr. Hélène Côté
VC, SCIENTIFIC
EDUCATION



Dr. David Huntsman
VC, INNOVATION & KT



Genevieve MacMillan
DIRECTOR, HR &
ADMIN



Dr. Suzanne Vercauteren
LEAD, EDI

II ASSOCIATE DEPARTMENT HEADS REGIONAL



Dr. Antonio Subtil
ISLAND HEALTH



Dr. Michelle Wong
FRASER HEALTH



Dr. Will Chen
INTERIOR HEALTH



Dr. Agatha Jassem
BCCDC PHL



Dr. Chris Lowe
PROVIDENCE HEALTH
CARE

III AFFILIATED TEACHING HOSPITAL HEADS SITE & AUTHORITY



Dr. Carolyn Shiau
FRASER HEALTH



Dr. Linda Hoang
BCCDC PHL



Dr. Dan Holmes
PROVIDENCE HEALTH
CARE



Dr. Sasha Finn
VANCOUVER ISLAND
HEALTH



Dr. Denis Bonin
INTERIOR HEALTH



Dr. Mike Nimmo
VANCOUVER COASTAL
HEALTH



Dr. David Goldfarb
BC CHILDREN'S
HOSPITAL



Dr. Gang Wang
BC CANCER



Dr. Justin Lo
NORTHERN HEALTH

2025–2026 LEADERSHIP NOTES

EDI Lead — Dr. Suzanne Vercauteren was the Lead for Equity, Diversity & Inclusion for part of 2025.

Island Health — Dr. Julie Irving was the Associate Academic Head of the Island until June 30, 2025; Dr. Antonio Subtil DeOliveira has also taken over Dr. Irving's responsibilities as the academic liaison with the UBC department.

Vancouver Coastal Health — Dr. David Schaeffer served as VCH Department Head during part of 2025, and Dr. Mike Nimmo also served in the role during 2025.

SECTION

01

Executive Summary

A year in review — leadership's reflections and the milestones that defined 2025.



TIER I

Executive Committee

Vice chairs & portfolio directors

OFFICE OF THE DEPARTMENT HEAD

Engagement & Stewardship

Stewarding the department and staying connected with faculty and staff across every site.



Z. GAO



G. MACMILLAN

ENGAGEMENT

- ✓ Annual performance-evaluation meetings held with all academic faculty members.
- ✓ Met with all newly recruited clinical faculty at affiliated hospitals.
- ✓ With the Vice Chair, Clinical Education (Dr. Nimmo), visited the Interior Health Pathology & Laboratory Medicine group.
- ✓ Attended staff meetings across affiliated hospital sites.

FINANCE & STEWARDSHIP

- ✓ 2025–2026 financial plan approved by the Faculty of Medicine.
- ✓ Five-year financial plan (2025–2030) presented to the FoM in October.
- ✓ Start-up funds contributed toward a new academic recruitment.
- ✓ Clinician Scientist Career Acceleration Program started.
- ✓ Fundraising ongoing.

EVENTS & COMMUNICATIONS

JAN 17, 2025
Annual Seasonal Celebration — Department Awards introduced.

[Award recipients ↗](#) [Event photos ↗](#)

FEB 21, 2025
Joint UBC Department–PLMS business meeting.

MAY 14, 2025
Pathology residency graduation dinner.

[Event photos ↗](#)

MAY 30, 2025
Pathology Day 2025 — “A Journey Inside the Brain.”

[Event photos ↗](#)

JUN 16–17, 2025
Laboratory Quality Conference (LabQCon).

COMMUNICATIONS & OPERATIONS

NOV 3, 2025
Administrative Office relocated to the Gordon & Leslie Diamond Health Care Centre (DHCC) — a hybrid shared workspace alongside Emergency Medicine.

YEAR-ROUND
Province-wide rounds and the bi-weekly bulletin sustained; strong external feedback on the annual report.

More detail in the Financial Portfolio section — research funds, personnel awards and department funds; the department’s research grant activity appears in the Research, Publications & Funding section (p. 46).

VICE CHAIR, RESEARCH · DR. CHERYL WELLINGTON

A Research Community at Scale

Sustaining a top-ranked research community — and the shared capacity behind it.



C. WELLINGTON

— STANDING & EQUITY

UBC PALM held its place among the leading academic pathology departments worldwide — 2nd in Canada, 24th in North America and 28th globally. The department also continued its work toward gender equity in grant success across both academic and clinical faculty.

— CORE FACILITIES

MAPCore — the Molecular & Advanced Pathology Core, led by Drs. **David Huntsman**, **Julia Naso**, **Torsten Nielsen** and **David Schaeffer** — brings spatial “omics” from glass to clinic. Established in 2020, it runs the province’s only Cell DIVE™ platform — multiplexing 40+ custom immunofluorescence markers alongside Xenium in situ spatial profiling — on a not-for-profit, cost-recovery model serving academic and private-sector partners across UBC, Vancouver Coastal Health Research Institute and BC Cancer.

The **Core Facility for Neurology Biomarker Innovation (CFNBI)**, led by Drs. **Cheryl Wellington** and **Sophie Stukas**, completed its new UBC Hospital space in 2025 and has run more than 200,000 tests across dementia, neurotrauma, neuroinflammatory and cerebrovascular studies — producing 42 publications, attracting over \$75M in competitive funding, managing more than 40 projects, employing 28 trainees and staff, and filing its first patents. Its international role is detailed under Global Health Initiatives.

— RESEARCH CULTURE & PGAP

Departmental Rounds continued to feature research-intensive presentations across sites. Now in its second year, the **Pathology Grant Application Practicum (PGAP)** pairs formal instruction with hands-on grant-writing and peer-review experience for early-career faculty, clinical faculty new to research, and senior trainees. Its 2025 cohort drew 18 participants — graduate students, postdoctoral fellows, faculty and staff — who submitted eight applications, two funded at \$15,000 each. A record 33 registered for the 2026 cohort, about half from oncology.

PGAP BY THE NUMBERS	
2025 cohort	18 participants
Applications submitted	8
Funded	2 × \$15,000
2026 cohort registered	33 (record)

More detail in the Research, Publications & Funding section — 2025 scholarly output, the h-index research leaders, a decade of grant activity, the 2025 funding landscape and the active funding portfolio.

VICE CHAIRS · DR. MIKE NIMMO & DR. HÉLÈNE CÔTÉ

Clinical & Scientific Education

Training the next generation — from BMLSc and graduate studies to residency and fellowship.



M. NIMMO



H. CÔTÉ

CLINICAL EDUCATION · DR. NIMMO

- FRCPC examinations — 100% success rate.
- CaRMS match filled all positions with excellent candidates.
- Fellowship program and website standardized; Dr. Diana Ionescu appointed Director.
- Growing medical-student engagement — interest group revitalized, with new electives, lab visits and FNA sessions.
- CMPT maintained its ISO 17043:2022 A2LA accreditation.
- Pathologist Assistant Master's program proposal underway.
- Thanks to Shelley Berkow on her retirement; welcome to Susanna O'Neil as Manager, Residency Program.

INNOVATION & SUCCESSION

DRS. HUNTSMAN, LANGE & GAO

- Clinician Scientist Career Acceleration Program launched, with 2 new positions planned each year for five years.
- New recruitment in blood research.
- New associate academic department heads appointed at Interior Health, St. Paul's and BCCDC.
- Succession planning.

SCIENTIFIC EDUCATION · DR. CÔTÉ

The PALM Graduate Program

- Welcomed Dr. Will Lockwood as new Director of the Graduate Program (April 2025).
- ~60 graduate students and 35 postdoctoral fellows.
- Graduated 5 PhD and 6 MSc.
- Introduced a new course, *PATH 548M: Genetics & Genomics in Medicine — Advances & Applications*, developed by Drs. Tara Spence and Stephen Yip.

Bachelor of Medical Laboratory Science (BMLSc)

- Welcomed new Director Dr. Añuli Uzozie (May 2025) and recruited full-time lecturer Dr. Jared Taylor (January 2026).
- Graduated 13 students; held the Vancouver Summer Program for 33 students; continued its Co-op program.
- Obtained UBC Senate approval for a new *PATH 200: Pathology & Laboratory Medicine — Myths & Misconceptions*, to be offered to second-year students in September 2026.
- Offered *PATH 412: Introduction to Advanced Techniques in Pathology & Laboratory Medicine* for the first time (January 2026), led by Dr. Añuli Uzozie.

EXTERNAL REVIEW

NOV 30, 2024 · External review completed.

JAN 8, 2025 · Review report received.

FEB 18, 2025 · Response submitted to the FoM.

FEB 21, 2025 · Communicated department-wide; posted online.

APR 30, 2025 · Action plan approved by the Dean's executive committee.

ONGOING · Implementation of the action plan.

DUE OCT 2026 · Mid-term progress report.

More detail in the Education section — programs & trainees, BMLSc & undergraduate, POLQM & CMPT, and training, rotation and residents/fellows by site across BC (p. 31).

Pathology Province-Wide Rounds

A year of weekly provincial rounds connecting pathologists, scientists, trainees and partners across British Columbia — from diagnostics and research to laboratory operations and emerging technology.

26

SESSIONS HELD

40+

SPEAKERS & PANELISTS

'25

JAN–DEC SERIES



Dr. Jay Kizhakkedathu

"New Approaches Towards Anti-Clotting Therapeutics, Surfaces and Anticoagulant Neutralizing Agents"

10 JAN



Information Security Team · OCIO, Medicine

"Cybersecurity Awareness"

31 JAN



Dr. Alexander Wyatt

"Clinical Cancer Genomics Strategic Plan"

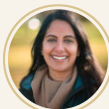
07 FEB



DPLM & PLMS Leadership

"Combined DPLM–PLMS Business Meeting"

21 FEB



Drs. Rashmi Chadha, Andre Mattman, Tyler Smith & Tony Ng

"Planetary Health is Medicine: Bringing the ABCs of the 21st Century to Work as a Physician"

28 FEB



Dr. Andrew Weng

"Translating High-Parameter Mass Cytometry to Routine Clinical Flow Cytometry Assays"

07 MAR



Dr. Jurgen M. J. Piek

"The History, Current & Future Perspectives on High-Grade Serous Carcinoma"

14 MAR



Dr. Launny Lowden & Joanne Isber

"Environmental Sustainability in Laboratory Medicine"

28 MAR



Dr. Miao Cui

"GPT-Driven AI for Enhanced Pathology"

04 APR



Dr. Lien Hoang

"Ancillary Immunohistochemical and Molecular Testing in Gynecological Cancers: When to Spend That Money"

11 APR



Dr. Julia Naso

"A Tale of Two Squams: Determining Clonality and Site of Origin for Multiple Squamous Cell Carcinomas"

02 MAY



Dr. Chun Seow

"How Does Smooth Muscle Contract and Why Do We Care?"

09 MAY

The 2025 Series — May through December



Char Power

"Garden Talk — Horticulture, Landscape & Biophilia"

23 MAY



James H. Lan

"Use of Precision Medicine to Improve Access and Outcomes in Transplantation"

06 JUN



Dr. Brandon Findlay

"Antimicrobial Resistance Evolution from Bench to Bedside in BC Hospitals"

13 JUN



Dr. Joy Masuhara & Angela Gray

"Understanding Bias in Healthcare"

20 JUN



Dr. Sanjay Patel

"Spatial Mapping of Human Hematopoiesis at Single-Cell Resolution in Aging and Myelodysplasia"

05 SEP



Drs. Titus Wong, Elisa Lloyd-Smith & Dan Holmes

"Coming Soon: New Non-Credit Programs in the Department of Pathology & Laboratory Medicine"

19 SEP



Dr. Simon Stanworth

"The Balance Between Benefits and Risks of Transfusions in Infants and Children: What's New?"

26 SEP



Dr. Blake Gilks

"Careers in Pathology & Laboratory Medicine: Master Classes"

03 OCT



Digital Solutions • Faculty of Medicine

"Navigating AI for Administrators"

07 OCT



Dr. Zu-hua Gao & Dr. Hélène Côté

"Strategic Plan Updates"

10 OCT



Dr. Mike Nimmo & Dr. Cheryl Wellington

"Strategic Plan Updates"

17 OCT



Dr. Jonathan Loree

"Building Bridges from Canadian Cancer Trials to Pathologists: The Importance of Cross-Disciplinary Collaborations"

31 OCT



Brenda Jackson, Jennifer Minchinton & Luca Rizzetto

"Laboratory Operations: Working Alongside Pathologists to Serve Patients"

21 NOV



Dr. John R. Tyson & Dr. James Zlosnik

"Pathogen Genomics in the BCCDC — Public Health Laboratory"

12 DEC

SECTION

02

Associate & Affiliated Department Heads

The clinical and academic leaders guiding our
hospital sites and partner institutions.



TIER II

Associate Department Heads

*Regional academic leadership across BC's
health authorities*

DR. ANTONIO SUBTIL-DEOLIVEIRA • ISLAND HEALTH

Island Health

Roughly 50 laboratory-medicine physicians, teaching across all four major disciplines.



A. SUBTIL

Approximately 50 laboratory-medicine physicians actively practise in Island Health, most holding UBC Clinical Faculty appointments. They participate actively in the teaching of medical students — usually third- and fourth-year students in the Island Medical Program — and residents on elective rotations. Balancing hospital workload with academic endeavours remains an ongoing challenge, yet across all four major disciplines, notable accomplishments with significant clinical impact were achieved throughout 2025.

MEDICAL BIOCHEMISTRY • DR. MICHAEL CHEN

Medical Biochemist and Head, Island Health; Discipline Lead, Medical Biochemistry, Provincial Laboratory Medicine Services; Clinical Associate Professor, UBC; and Adjunct Faculty, University of Victoria. Dr. Chen brings a highly commendable leadership, research and teaching portfolio, and contributed four publications over the past year, some in collaboration with colleagues in Medical Microbiology.

HEMATOPATHOLOGY • DR. GWEN CLARKE

Hematopathologist and Transfusion Medicine physician, Royal Jubilee Hospital; Clinical Professor, UBC. Her interests span perinatal immunohematology, perinatal/neonatal diagnostic testing, rare blood groups, and quality assurance and process improvement in transfusion medicine.

Research. Her national study on the frequency of large-volume antenatal fetal–maternal hemorrhage continues; data from seven Canadian sites is now available and a manuscript is in preparation.

Education. The Immunohematology Course is now established for Hematological Pathology Residency training — an eight-month curriculum with monthly two-hour sessions for hematological pathology residents across Canada.

Developed by Dr. Gwen Clarke (UBC) and Dr. Melanie Bodnar (U of A), it is delivered each month through an online national program (Distributed Academic Half Day) organized by Dr. Youness Elkhaldy (UBC), with guest facilitators from across the country including Dr. Matthew Yan (Hematology, UBC) and Dr. Ann Tran (Hematological Pathology, UBC).

With Dr. Jennifer Duncan, Dr. Clarke presented to a national Transfusion Medicine audience (Learn Transfusion) on hospital blood-inventory management.

DERMATOPATHOLOGY • DR. SUBTIL-DEOLIVEIRA

Anatomical Pathologist (Dermatopathology and Hematopathology), Royal Jubilee Hospital; Clinical Associate Professor, UBC. He was an invited speaker at the 2025 American Society of Dermatopathology Annual Meeting in Baltimore, participating in the short course on Myeloid Disorders with Cutaneous Manifestations; was invited by the *Journal of Cutaneous Pathology* to author a review on Blastic Plasmacytoid Dendritic Cell Neoplasm (BPDCN), now in press; and was a contributor and co-author of two chapters in the 5th-edition WHO Classification of Skin Tumours (Blue Books), published in 2025 by the International Agency for Research on Cancer. He also supervised a dermatology resident during an elective rotation in Dermatopathology at the Royal Jubilee Hospital.

ISLAND HEALTH · CONTINUED

The Medical Microbiology Team

A talented team continuing successful academic work and collaborative clinical contributions across the region.



Dr. Pamela Kibsey
Medical Microbiologist; Lead, Island-Wide Infection Prevention & Control



Dr. Victor Yuen
Medical Microbiologist, RJH; Clinical Assistant Professor, UBC



Dr. Xiaofeng Ding
Medical Microbiologist, RJH; Clinical Assistant Professor, UBC



Dr. Andrei Musaji
Medical Microbiologist, RJH; Clinical Instructor, UBC



Dr. Mohammed Sarhan
Medical Microbiologist, RJH; Clinical Assistant Professor, UBC



Dr. Christine Lee
Medical Microbiologist, RJH; Clinical Professor, UBC

INDIVIDUAL ACHIEVEMENTS

- **Dr. Yuen** supervised a University of Victoria PhD candidate in 2025 and is a member of BC’s Provincial Antimicrobial Clinical Experts Committee.
- **Dr. Lee** supervised a UBC PhD candidate in 2025; she is a member of BC’s Provincial Microbiology Committee and UBC’s Clinical Faculty Committee, and served on Canada’s Drug Agency review panel for fidaxomicin and Rebyota in 2025.
- **Dr. Sarhan** supervised an IPAC student for a quality-improvement project and delivered teaching rounds to infection-control practitioners, clinical pharmacists, family-practice residents, CTU residents, hospitalists, infectious-diseases physicians and medical microbiologists.
- **Dr. Musaji** maintains Island Health’s geographically stratified antibiograms, including inpatient and outpatient data.
- **Dr. Ding** is collaborating with retinal specialists to streamline ocular-fluid testing and improve pathogen detection for patient care.

COLLABORATIVE & CLINICAL CONTRIBUTIONS

- **Drs. Ding and Sarhan** are part of the 2025–2026 Island Health Physician Quality Improvement program, developing an initiative to reduce unnecessary repeat blood cultures for Gram-negative bacteremia.
- **Drs. Lee, Musaji and Sarhan** provide clinical service at Island Health’s FMT clinic, where approximately 30% of CDI patients are treated successfully without relapse.
- **Drs. Sarhan and Yuen** were guest lecturers for UBC PATH 722; the entire team supervised three medical microbiology residents during elective rotations in 2025.

CLINICAL IMPACT

An FMT clinic resolving recurrent CDI in ~30% of patients without relapse, fewer unnecessary blood cultures, and region-wide stratified antibiograms guiding stewardship.

Publications from Island Health faculty are listed in the Research, Publications & Funding section.

DR. MICHELLE WONG · ASSOCIATE ACADEMIC DEPARTMENT HEAD



M. WONG

Fraser Health Authority

New molecular assays, automation milestones and a first-in-the-world discovery.

FIRST IN THE WORLD

Fraser Health was first to discover and report static-charge interference from the automation line that produced erroneous results — prompting a global redesign of future automation lines by Beckman.

FELLOWSHIPS

Fraser is happy to announce that there are three fellowships available in Diagnostic and Molecular Pathology in Fraser Health for dermatopathology, GI and breast. Funding is available for one position with support from the RCH Foundation and applicants can apply for any of the above-mentioned subspecialties. We are openly accepting applications and encourage trainees to apply.

BIOCHEMISTRY

There were notable achievements in Fraser in the past year. For Biochemistry, it was a major accomplishment to go live with the chemistry autoline replacement project (CARP). Previously two sites had autolines and we have now increased this technology to four sites which has increased efficiency and quality. We will also be moving towards automated urinalysis. The Biochemistry department also noticed interference resulting in erroneous results caused by static charges from the automation line. They were the first to discover and report this issue leading to global changes and redesign for future automation lines from Beckman.

ANATOMIC PATHOLOGY

A highlight for Anatomic Pathology was validation of the Oncomine Precision Assay, next-generation genomic (NGS) profiling of non-small cell lung cancers to determine if the patient is eligible for targeted treatment(s).

MEDICAL MICROBIOLOGY

Medical Microbiology successfully implemented molecular assays including: Roche COVID/Flu/RSV LDT (lab developed test), on-site FH Extended Respiratory Virus Testing (FHRESPAN) for critical care patients, and the pilot project: Rapid Gr. A Strep (Abbott ID NOW) for SMH ER patients.

HOSPITAL REDEVELOPMENT

We have several hospital redevelopments in our large region. The new Jim Pattison Acute Care Tower (JPACT) at the Royal Columbian Hospital in New Westminster is anticipated to be opening on May 31, 2026. There will be an expanded 75-bay Emergency Department with a satellite Medical Imaging Unit. The total beds will increase from 446 to 675 beds (~50% increase).

DR. WILL CHEN · REGIONAL ASSOCIATE ACADEMIC DEPARTMENT HEAD

Interior Health Authority

Academic pathology from Cranbrook to Vernon to Kelowna.



W. CHEN

EAST KOOTENAY REGIONAL HOSPITAL · CRANBROOK



Dr. Lincoln Pac

Assumed the role of Laboratory Medical Director for the Community Based Diagnostics and Devices program at the First Nations Health Authority. Along with Dr. Lowden, tentatively agreed to serve as a preceptor for the upcoming Integrated Community Clerkship (ICC-MDUP) program to provide incoming students with core diagnostic exposure.



Dr. Launny Lowden

Promoted region-wide Environmental Sustainability (ES) initiatives. Presented to the UBC Department of Pathology rounds and recommended that planetary health and ES initiatives be formally reported in academic annual reports under “Global Health Initiatives” to build awareness. Also serves as a preceptor for the ICC-MDUP program to mentor medical students during their scheduled pathology rotations.

VERNON JUBILEE HOSPITAL



Dr. David Grynspan

Leads a multi-institutional placenta glycochemistry research program in collaboration with Dr. Wes Zandberg (UBCO Chemistry). The initiative involves partners from Interior Health, Vernon Jubilee Hospital, UBC Okanagan, the UBC Department of Pathology, BC Women’s and Children’s Hospital, and Carleton University.

KELOWNA GENERAL · ANATOMICAL PATHOLOGY



Dr. Bibi Torbati

- Coordinator for residents and medical students rotating at KGH for electives.
- Standardized complex specimen grossing policies and analytical procedures in collaboration with subspecialty colleagues.
- Participated in the Brachy Track project for prostate adenocarcinoma to study high-dose-rate (HDR) brachytherapy using metabolomics, immunological, transcriptomics, and spectroscopic profiling.
- Co-authored a Raman spectroscopy-based paper on the biochemical composition of prostate core-needle biopsies before and after a single fraction of 13.5 Gy, submitted for publication in February 2026.
- Co-authored a published paper in *BMJ Case Rep* (July 2025): “Eosinophilic Gastroenteritis and eosinophilic dermatitis in a patient: two sides of the same coin.”

DERMATOPATHOLOGY GROUP



Lano



Borretta

Dr. Ian Marie Lano delivered 12 monthly dermatopathology sessions for Year 3 medical students and served as a Year 4 OSCE examiner for 9 students.

Dr. Lisa Borretta taught bimonthly dermatopathology sessions for Year 3 students, supervised Year 4 electives and rotating residents (including a visiting dermatology resident from the University of Alberta), and facilitated the dermatopathology lab at the SMP campus during dermatology week for Year 2 students.

The group established a new regional consultation service incorporating Royal Inland Hospital’s newly recruited specialists — four dermatopathologists serving the entire Interior Health catchment area.

INTERIOR HEALTH · CONTINUED

Kelowna General & Regional Groups

Hematopathology, Medical Microbiology and Clinical Chemistry across the Interior.

— KELOWNA GENERAL · HEMATOPATHOLOGY



Tapley Sunderland

Dr. Laura Tapley supervises Transfusion Medicine fellow trainees; delivered the “Practical Transfusion Medicine” lecture in person to all 1st-year medical students at the SMP Campus; assisted with early-year hematology block tutorials; served as a content expert for the Resident and Nurse Practitioner Transfusion Medicine Bootcamps via UBC and on the UBC Transfusion Medicine Fellowship Competency Committee; delivered UBC ER Resident Grand Rounds with ER staff on a case-based approach to massive hemorrhage protocols (MHP); and co-authored the scoping review “Antenatal Rh Immune Globulin (RhIG) dose, timing, and indications following selected procedures and complications” in JOGC.

Dr. Nick Sunderland directed the local coagulation revamp and the repatriation of lupus anticoagulant (LAC) testing at KGH. The group managed increased workload at up to 130% capacity, oversaw the expansion of local bone marrow biopsies to over 500 per year, and supported the implementation of new hematology oncology/myeloid programs.

— MEDICAL MICROBIOLOGY GROUP

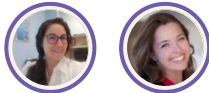


Bibby Hadzic Wilmer

Dr. Helen Bibby served as the KGH site representative for the UBC Microbiology residency training committee and taught within UBC Pathology 722. **Dr. Amir Hadzic** continued long-term contributions teaching UBC Pathology 467 and 722. **Dr. Bing Wang** contributed to team instruction for UBC Pathology 722. **Dr. Amanda Wilmer** co-taught UBC Pathology 722 and supported regional microbiology resident education. The group hosted three medical microbiology residents for electives (one from UBC, two out-of-province), recruiting one to permanent IH staff with efforts ongoing to recruit a second.

— CLINICAL CHEMISTRY GROUP

The group taught multiple medical rotation students and mentored 2 MD FLEX students on serum protein electrophoresis; implemented automation at RIH and KGH — improving clinical review access and workload distribution for protein electrophoresis and reducing reporting turnaround times; and supported the validation and rollout of new point-of-care testing (POCT) devices for UPCC clinics.



Rodriguez-Capote Hauff

Dr. Teralee Burton co-authored national guidelines on central laboratory and point-of-care testing performed by medical laboratory assistants (*Canadian Journal of Medical Specialties*); served as Secretary for the CSCC executive council and as an examiner for the CACB certification exam.

Dr. Karina Rodriguez-Capote won the 2025 Interior Health Quality Award for “Providing Lab Services in the Community for Complex Care Clients”; co-authored multiple 2025 papers in *Clinical Chemistry Lab Medicine* and *Critical Reviews in Clinical Laboratory Sciences* on oligoclonal banding analysis and CSF reference intervals; and represents Canada in the IFCC on three committees and task forces.

Dr. Kristin Hauff served as President of the BC Association of Clinical Scientists (BCACS) and sat on the BC Medical Biochemistry Advisory Committee; co-authored a 2025 paper in the *American Journal of Clinical Pathology* evaluating knowledge gaps in urine drug test interpretation; and contributed to the 2025 Choosing Wisely Canada recommendations for Clinical Biochemistry.

Dr. Dailin Li instructed UBC Pathology 416 (analgesic toxicity — salicylate and acetaminophen) for 4th-year BMLSc students; served on the CSCC POCT Special Interest Working Group; and co-authored national guidelines on MLA central laboratory and point-of-care testing workflows.

REGIONAL RESEARCH SUMMARY

Clinical academic colleagues authored 7 of the region’s 8 recent publications, spanning placental pathology, point-of-care optimization, COVID-19 management, and RhIG therapeutic dosing.

Publications are listed in the Research, Publications & Funding section.

DR. AGATHA JASSEM & DR. LINDA HOANG

BC Centre for Disease Control — PHL

Twenty clinical faculty advancing pathogen genomics and outbreak response.



A. JASSEM



L. HOANG

TEACHING & EDUCATION

Clinical faculty supported 8 resident and fellow rotations totalling 32 weeks — including, for the first time, rotations covering the end-to-end pathogen-genomics workflow — and supervised 5 graduate students alongside undergraduate and postgraduate course contributions. The Medical Resident Site Director role transitioned from Dr. Linda Hoang to Drs. Catherine Hogan and Eric Eckbo. Course coordination included Dr. Shannon Russell (PATH 327), Dr. Agatha Jassem (PATH 437) and Dr. Eric Eckbo (PATH 722); Dr. Titus Wong helped revamp an Infection Prevention & Control course. Plans for the year ahead include expanding learner access to outbreak-response and pathogen-genomics experiences and standardizing rotation objectives and feedback across sites.

CLINICAL SERVICE

Major service contributions included national and provincial measles re-elimination work, operationalized through self-collection, whole-genome sequencing and wastewater surveillance.

RESEARCH FUNDING

Externally funded, clinical-faculty-led projects active in 2025 spanned a unified bioresponse to avian influenza, One Health serology development, cloud-powered genomic tools (GeneSolve), the Closing GAPS healthcare-associated-infection program, wastewater sequencing of influenza and RSV, harmonized environmental One Health methods, microbial source tracking, and Lyme-disease testing — led by Drs. Hoang, Prystajec, Russell, Zlosnik, Jassem, Krajden, Patel and Morshed, with support from Genome BC, Genome Canada, CIHR, CFI and Michael Smith Health Research BC. Dr. Catherine Hogan held a Michael Smith Health Professional-Investigator award (2021–2026) and is supported by the departmental Clinician Scientist Career Acceleration program.

SUPPORTED BY

Genome BC · Genome Canada · CIHR · CFI · Michael Smith Health Research BC

Dr. Agatha Jassem was appointed Associate Academic Department Head, BCCDC PHL. As throughout this report, individual publications and award recipients are not listed by site — they are compiled department-wide in the Research & Publications and Awards & Recognition sections.

DR. CHRISTOPHER LOWE · ASSOCIATE ACADEMIC DEPARTMENT HEAD

Providence Health Care

Digital transformation across the labs, and the road to New St. Paul's Hospital.



C. LOWE

Providence Health Care's laboratories span Anatomic Pathology — including the BC Renal Pathology Laboratory — Clinical Chemistry, Hematopathology & Transfusion, and Medical Microbiology & Virology, serving all PHC facilities (two acute-care, one rehabilitation, five residential/long-term-care and two specialized sites) and the Yukon Territories (three acute-care sites and multiple primary-care clinics). Alongside clinical, research and education responsibilities, the department is deep in planning the new laboratory at New St. Paul's Hospital, set to open February 2027.

97	-78%	67
LEARNERS ROTATED THROUGH	SOLID WASTE PER TEST IN CLINICAL CHEMISTRY	PEER-REVIEWED PUBLICATIONS

CLINICAL SERVICE INNOVATIONS

Anatomical Pathology is validating digital pathology for their entire division ahead of New St. Paul's. The division is the first BC hospital to provide RNA-Scope and HR-HPV-ISH testing and, in collaboration with Virology, anal HPV molecular screening. Renal pathology went fully digital in February 2025 and leads a province-wide quality standard for medical-renal-biopsy adequacy. Hematopathology's coagulation lab added anticoagulant-neutralization strategies (DOAC-Stop, Hepzyme) for lupus-anticoagulant testing, validated platelet electron microscopy for dense-granule deficiency, updated platelet aggregation testing and developed a new heparin-induced thrombocytopenia assay. Transfusion Medicine automated isohemagglutinin titration for ABO-incompatible kidney transplantation, revised massive-transfusion protocols and updated the Maximum Surgical Blood Order Schedule. The chemistry sustainability project cut specimen-container use 40%, solid waste per test 78% and freezer-archive volume 67%. Medical Microbiology expanded as a centre for diagnostic innovation — automation, AI, advanced molecular testing, genomics and antimicrobial-resistance expertise — and strengthened diagnostic and antimicrobial stewardship. Virology automated EBV and BK viral-load testing for BC transplant patients and built an Azure-based hepatitis-B genotyping and resistance testing bioinformatics pipeline with Microsoft.

MEDICAL EDUCATION

Ninety-seven medical students, residents and clinical fellows rotated through the laboratory in 2025: 25 in Hematopathology, 11 in Diagnostic & Molecular Pathology plus 13 in Renal Pathology, 15 in Medical Biochemistry, and 33 trainees across Medical Microbiology & Virology, Infection Prevention & Control and Antimicrobial Stewardship. A new microbiology teaching session was introduced for MSI3/4 students on CTU.

RESEARCH

Clinical faculty secured 2025 grant funding including Dr. Mari DeMarco's CIHR Canadian Consortium on Neurodegeneration in Aging Phase III (\$20.6M) and NSERC CREATE MaST3 (\$2.09M), Dr. Patrick Tang's Michael Smith Health Professional-Investigator award, Dr. Pouneh Dokouhaki's Mitacs Globalink internship, and Dr. Maziar Riazzy's two seed grants in AI and multimodal language models in renal pathology. Drs. Andre Mattman and Janet Simons guest-edited a *Clinical Biochemistry* special issue on the Sustainable Laboratory. Clinical faculty published 67 peer-reviewed manuscripts in 2025.

As throughout this report, individual publications and award recipients are not listed by site — they are compiled department-wide in the Research & Publications and Awards & Recognition sections.

PROVIDENCE HEALTH CARE FACULTY · 2025

Regional, Provincial & National Service

Where Providence Health Care faculty serve — on the committees and boards that shape laboratory medicine.

UNIVERSITY OF BRITISH COLUMBIA

- Michael Payne** — Director, Medical Microbiology Residency
- Christopher Lowe** — Director, AMS / IPAC Clinical Fellowships
- Aleksandra Stefanovic** — Co-Lead, IPAC Certificate Course
- Nancy Matic** — Virology Program Expert Committee, CMPT
- Andre Mattman** — Lead, Planetary Health
- Rodrigo Onell** — Chair, Hematological Pathology Residency Competence Committee
- Michael Chen** — Director, Breast Pathology Clinical Fellowships
- Lik Hang Lee, Hui-Min Yang, Wei Xiong** — Directors, GI Pathology Clinical Fellowship
- Chi Lai** — Clinical Faculty Promotions Committee

PROVINCIAL LABORATORY MEDICINE SERVICES

- Andre Mattman** — Medical Biochemistry Lead, POC Value Analysis Committee
- Lik Hang Lee** — Medical Lead, Anatomical Pathology Advisory Committee
- Marc Romney** — Microbiology Advisory Committee
- Patrick Tang** — Genetics & Genomics Advisory Committee
- Hamish Nicolson** — Hematopathology Advisory Committee
- Janet Simons** (alt. Andre Mattman) — Medical Biochemistry Advisory Committee

COLLEGE OF PHYSICIANS & SURGEONS OF BC

- Rodrigo Onell** — Diagnostic Accreditation Program (Committee)
- Hemlata Shirsat** — DAP Peer Assessor
- Angela Fung** — DAP Chemistry & POC Advisory Committee; Chair, DAP IMIT Advisory Committee

ROYAL COLLEGE OF PHYSICIANS & SURGEONS

- Rodrigo Onell** — Hematological Pathology Examination Committee
- Christopher Lowe** — Chair, Medical Microbiology Specialty Committee
- Michael Payne** — Medical Microbiology Examination Committee
- Chi Lai** — DMP Examination & Examination Development Committees

PROFESSIONAL SOCIETIES

- Daniel Holmes** — Board of Directors, ADLM; Board, MSACL
- Christopher Lowe** — Treasurer, AMMI Canada
- Mei Lin Z. Bissonnette** — Secretary, Renal Pathology Society
- Pouneh Dokouhaki** — ISN Renal Pathology WG; Educational Committee, Canadian Society of Transplantation; Secretary, CAP-ACP Diagnostic & Clinical Pathology Committee
- Michael Chen** — CCCPA Exam Committee; CAP Surgical Pathology Committee

JOURNAL EDITORIAL BOARDS

- Nancy Matic** — Associate Editor, JAMMI
- Angela Fung** — Associate Editor, Practical Laboratory Medicine

SECTION

03

Highlighted Research, Special Mentions & Awards

Discoveries, honours and recognition from
across the department this year.



REACHING ACROSS BORDERS

Global Health Initiatives

Advancing laboratory medicine, research and education well beyond British Columbia.



- UNITED STATES
- EUROPE
- VIETNAM
- AUSTRALIA
- JAPAN



LEAD FEATURE · NEUROLOGY BIOMARKERS

Dr. Cheryl Wellington

The Core Facility for Neurology Biomarker Innovation (CFNBI) is now Canada's go-to site for neurology biomarker research — serving more than 140 clinical collaborators locally, nationally and internationally. Dr. Wellington leads and serves across international consortia: the International Initiative on Traumatic Brain Injury Research (Executive Committee), the ENIGMA Consortium (leading a multi-site study of brain injury from intimate partner violence), the Biomarkers Standardization Consortium (representing Canada), the Cure Alzheimer Fund Research Leaders Group and the Fleming ApoE Consortium. CFNBI holds its public grand-opening symposium in May 2026.

INDUSTRY PARTNERS

- Quanterix
- Alamar
- Abbott
- Roche
- Fujirebio
- Siemens



US · CANADA · EUROPE · AUSTRALIA · JAPAN

Mesothelioma

Dr. Andrew Churg

Serves as Chair of the **US–Canadian Mesothelioma Reference Panel** — an international group of expert pathologists (Canada, US, Europe) providing a diagnostic consultation service on some 100 putative mesothelioma cases per year — and as co-Chair of the **International Mesothelioma Panel** (Canada, US, Europe, Australia, Japan), which meets annually to discuss diagnostic problems and present new research in the field.



CANADA · INTERNATIONAL GUIDANCE

Alzheimer's Testing

Dr. Mari DeMarco

Leads Canada's first diagnostic testing program for Alzheimer's disease — the National Alzheimer's Disease Biomarker Testing Program at St. Paul's Hospital — and continues to shape international clinical guidance on Alzheimer's biofluid testing.

[Read more >](#)



INTERNATIONAL JOURNAL · SPECIAL ISSUE

Sustainability in Laboratory Medicine

Drs. Andre Mattman & Janet Simons · Co-Guest Editors

5 ARTICLES

As co-guest editors, Drs. Mattman and Simons led a special issue of *Clinical Biochemistry* on sustainability in laboratory medicine — an aspirational push toward a planetary-health-conscious model of care, in which quality care includes protecting the patient's climate. Department members contributed five articles.

- 01 Sustainable quality improvement & digital transformation of QA** — A.W.S. Fung

03 Degrowth in the clinical laboratory — M.O. Elnenaei, A. Thoni, A. Mattman

05 Clinical labs: working with planetary health for patient health — A. Mattman, J. Simons
- 02 Greening the lab: a national sustainability playbook** — L. Lowden, C. Henderson

04 Laboratory medicine & sustainability: towards a green lab — A. Mattman, J. Simons

[View the special issue >](#)

SPOTLIGHT · VIETNAM · DR. HANH HUYNH

Building a New Medical Curriculum in Ho Chi Minh City

A UBC–UMP partnership, fifteen years in the making, now shaping how Vietnam's next generation of physicians will be trained.



Since 2011, Dr. Hanh Huynh has collaborated on behalf of UBC Medicine with the **University of Medicine and Pharmacy (UMP)** in Ho Chi Minh City — Vietnam's top public medical school, established in 1947, which has trained many of the country's leading clinicians. The partnership gives UBC fourth-year medical students and residents the opportunity to gain hands-on clinical experience in UMP's tertiary hospitals, under the supervision of UMP clinical faculty.

On **December 9, 2025**, UMP officially invited Dr. Huynh to help develop a brand-new, six-year undergraduate medical curriculum taught entirely in English — designed to train “elite medical leaders” able to integrate into the world community of medicine. The inaugural class begins in September 2028.

“The goal of this new program is to train elite medical leaders with the ability to integrate into the world community of medicine.”

With her sabbatical approved on February 9, 2026, Dr. Huynh will spend her study leave — **September 2026 to August 2027** — working with UMP faculty to develop the new curriculum and to train them in active small-group teaching in English, such as problem- and case-based learning. UMP has also expressed interest in eventually recruiting UBC faculty to teach in the program; a full report to the department will follow at the close of the sabbatical.

MILESTONES

- **2011**
Partnership begins between UBC Medicine and UMP, Ho Chi Minh City.
- **May 2023**
Recognized at the 50th anniversary of Canada–Vietnam diplomatic relations celebrating educational partnerships (Hanoi).
- **Jul 2023**
Acknowledged by Canadian Ambassador Shawn Steil on a visit to UBC, with Vice Dean Education Dr. Roger Wong.
- **Dec 2025**
UMP formally invites Dr. Huynh to co-develop a new six-year, English-language curriculum.
- **Feb 2026**
Sabbatical approved.
- **2026–27**
Study leave at UMP developing the curriculum and faculty teaching.
- **Sep 2028**
Inaugural class begins.

PARTNER INSTITUTION

University of Medicine & Pharmacy
Ho Chi Minh City, Vietnam · est. 1947

DISCOVERY & INNOVATION

Faculty Research Spotlights

2025 breakthroughs with the potential to change patient care, drawn from the department's researchers and their year of discovery.



SINGLE-CELL GENOMICS
Dr. Sam Aparicio

Identified cancer-like mutations in roughly 3% of breast cells from otherwise healthy women — potential cells of origin for major breast cancers.



ENGINEERED EXOSOMES
Dr. Honglin Luo

Encapsulating miR-CVB3 in bioengineered exosomes as a cancer therapeutic, with promising mouse-model results moving toward clinical translation.



TRANSPLANT MATCHING
Dr. James Lan

Leads an epitope-based matching program for kidney transplantation, through a multi-institutional collaboration to improve donor–recipient compatibility.



SARCOMA & TRANSLATION
Dr. Poul Sorensen

A landmark year of high-impact cancer research, with institutional impact through the ATM program and three new intellectual-property disclosures.



COMMUNITY IMPACT
Dr. Corree Laule

Seed2STEM placed 142 high-school students in 112 labs via six-week paid internships; 88% pursued post-secondary education, 76% in STEM.



AI IN DIAGNOSTICS
Dr. Ali Bashashati

Deep-learning diagnostics identified a high-recurrence subset of endometrial cancer that traditional methods would miss, with technology-transfer applications.



UNIVERSAL DONOR ORGANS
Dr. Jay Kizhakkedathu

A breakthrough technology that can convert donor kidneys to universal type O, with potential to greatly expand the supply of compatible organs.



LYMPHOMA BIOMARKERS
Dr. Christian Steidl

Led spatial-biomarker research on a new method to predict treatment outcomes in relapsed and refractory classical Hodgkin lymphoma.



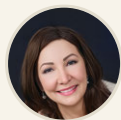
PRECISION MICROBIOLOGY
Dr. Patrick Tang

Advancing genomic methods for precision clinical microbiology to improve infectious-disease diagnostics, as a 2025 Michael Smith Health Research BC Investigator.

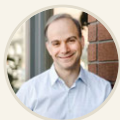
APPOINTMENTS, PROMOTIONS & RECOGNITIONS

Special Mentions

New faculty, leadership appointments and individual recognitions from across the department in 2025.


Dr. Cheryl Wellington

CIHR Research Advisor to UBC's VP Research & Innovation (2026–2028)


Dr. James C. Zimring

New appointment — Professor (Partner), from Canadian Blood Services; transfusion medicine & RBC biology


Dr. Yasir Mohamud

New appointment — Assistant Professor (tenure-track), HLI; inaugural CIHR REDI Early Career Transition Award


Dr. Andrew Minchinton

Promoted to Professor (Partner), BC Cancer Research Centre


Dr. Philipp Lange

Director, Childhood Diseases Research, BC Children's Hospital Research Institute


Dr. Jerrold H. Levy

New appointment — Adjunct Professor, Centre for Blood Research


Dr. Michelle Wong

Elected to the FoM Clinical Appointment, Reappointment & Promotion Committee (FCARP)


Dr. Aly Karsan

Research lead, weekly Pathology Rounds — with thanks to Dr. Will Lockwood


Dr. Launny Lowden

Executive Medical Director, Quality, Interior Health


Dr. Muhammad Morshed

Appointed Adjunct Professor, Simon Fraser University


Dr. Jared L. Taylor

New appointment — Lecturer, BMLSc Program (from January 2026); 2022 Killam Teaching Prize in Science


Dr. Katey Enfield

New PI; established a lung-cancer spatial-immunology lab at BC Cancer


Dr. Yemin Wang

New appointment — Assistant Professor (Partner)


Dr. Añuli C. Uzozie

New leadership role — Assistant Professor of Teaching & Director, BMLSc Program


Dr. Diana Ionescu

New role — Clinical Fellowship Director (Director), DPLM fellowship programs


Dr. Michael Chen

New appointment — Assistant Professor, tenure track


Dr. Will Lockwood

New appointment — Director, Graduate Program


Dr. Will Chen

New appointment — Regional Associate Academic Department Head, Kelowna


Dr. Christopher Lowe

New appointment — Associate Academic Department Head, St. Paul's Hospital / Providence site


Dr. Agatha Jassem

New appointment — Associate Academic Department Head, BC Public Health Laboratories


Dr. Inna Sekirov

New — PathDay 2026 Co-Chair


Dr. Andrew Minchinton

New — PathDay 2026 Co-Chair


Dr. Karen Sherwood

New member — PathDay Planning Committee

APPOINTMENTS, PROMOTIONS & EMERITUS 2025

A Growing Clinical Faculty

Thirty-six new clinical appointments, twelve promotions and one emeritus honour across the department's academic ranks in 2025.

New Clinical Appointments 36 FACULTY

CLINICAL INSTRUCTOR 22

- Dr. Ardalan Akbari
- Dr. Jennifer Power
- Dr. Marie Dvorakova
- Dr. Karan Vats
- Dr. Akeida Elliott-Benjamin
- Dr. David Li
- Dr. Ronnie Ho
- Dr. Sirim Kim
- Dr. Michelle Stehura
- Dr. Georgina Barnabas
- Dr. Deepak Toor
- Dr. Sarah Dada
- Dr. Aisling O'Meara
- Dr. Andrew Lytle
- Dr. Amanda Kwan
- Dr. Taylor Salisbury
- Dr. Alisa Abozina
- Dr. Connie Liao
- Dr. Julia Toews Parlow
- Dr. Nicolas Salcedo Porras
- Dr. Kelsi Rivers
- Dr. Steven Chan

CLINICAL ASSISTANT PROFESSOR

- Dr. Jenny Wang
- Dr. Conor Broderick
- Dr. Jenny Tran
- Dr. Franz Fenninger
- Dr. Sarah Mansour
- Dr. Saleh Fadel
- Dr. Jennifer Tat
- Dr. Citlali Marquez
- Dr. Hunter Wang
- Dr. Xiaofeng Ding
- Dr. Mohammed Sarhan
- Dr. Sukhbir Kaur †
- Dr. Eric Eckbo †

13

CLINICAL ASSOCIATE PROFESSOR 1

- Dr. Peter Sabatini

† Returned to BC — previously held a UBC clinical faculty appointment.

Promotions EFFECTIVE JULY 1, 2025

TO CLINICAL ASSISTANT PROFESSOR 5

- Dr. Jasmine Ahmed-Bentley
- Dr. Adriana Airo
- Dr. Adnan Karavelic
- Dr. Joseph Mathew
- Dr. Victor Yuen

TO CLINICAL ASSOCIATE PROFESSOR 3

- Dr. Deepu Alex
- Dr. Sakara Hutspardol
- Dr. Inna Sekirov

TO CLINICAL PROFESSOR 4

- Dr. Anna Lee
- Dr. Jeff Terry
- Dr. Gang Wang
- Dr. Chen Zhou

Emeritus EFFECTIVE JULY 1, 2025

Dr. Maria Issa *Clinical Associate Professor Emeritus*

EXTERNAL AWARDS 2025

Honouring Our Award Winners

National, international, society and health-authority honours awarded to our faculty, trainees and staff in 2025.



Dr. David Huntsman

Professor · Director, OVCARE; BC Cancer

- Doctors of BC Terry Fox Medal
- King Charles III Coronation Medal
- OCRA Rosalind Franklin Excellence in Ovarian Cancer Research Award



Dr. Poul Sorensen

Professor · Distinguished Scientist, BC Cancer

- Scientific Entrepreneurship Award — LifeSciences BC



Dr. Muhammad Morshed

Clinical Professor · BC Centre for Disease Control

- Fellow, The World Academy of Sciences (TWAS)



Dr. Arun K. Garg

Clinical Professor

- Lifetime Achievement Award — Royal Columbian Hospital Foundation



Dr. Patrick Tang

Clinical Professor · Providence Health Care

- Health Professional-Investigator Award — Michael Smith Health Research BC



Dr. David Schaeffer

Professor · Vancouver General Hospital

- Physician of the Year Award — Crohn's and Colitis Canada



Dr. Mei Lin Z. Bissonnette

Clinical Assistant Professor · Providence Health Care

- Reviewer of the Year — Clinical Journal of the American Society of Nephrology



Dr. Stephen Yip

Professor

- Springer Nature Editorial Contribution Award
- Springer Nature Author Service Award



Dr. Honglin Luo

Professor

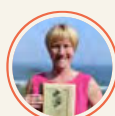
- Outstanding Reviewer — CIHR Project Grant Competition
- Top 2% of scientists worldwide — Stanford–Elsevier ranking



Dr. Carolyn Shiao

Clinical Faculty · Fraser Health

- Quality Improvement Innovation Award — Fraser Health



Dr. Amanda Wilmer

Clinical Faculty · Interior Health

- Excellence in Quality Award — Interior Health



Dr. Michael Chen

Clinical Faculty · Island Health

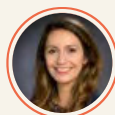
- Excellence in Planetary Health Award — Island Health



Dr. Marthe Kenny Charles

Clinical Associate Professor · Vancouver General Hospital

- oneVCH Award Nominee — Vancouver Coastal Health



Dr. Daniele Ferrari

Postdoctoral Fellow

- Postdoctoral Trainee Award — Michael Smith Health Research BC



Amirhossein Bahreyni

PhD Candidate

- James C. Hogg Outstanding Young Investigator Award — Centre for Heart Lung Innovation

UBC & FACULTY OF MEDICINE AWARDS 2025

University & Faculty Recognition

Awards conferred on our members by the University of British Columbia and its Faculty of Medicine in 2025.



Dr. Poul Sorensen

Professor · BC Cancer

- Distinguished Achievement Award — Excellence in Basic Science Research, Faculty of Medicine, UBC
- Dr. Chew Wei Memorial Prize in Cancer Research
- Alumni UBC Research and Innovation Award



Dr. David Granville

Professor · ICORD

- Distinguished Achievement Award — Excellence in Clinical or Applied Research, Faculty of Medicine, UBC



Dr. Stephen Yip

Professor

- Distinguished Achievement Award — Overall Excellence (Mid-Career), Faculty of Medicine, UBC



Dr. Agatha Jassem

Clinical Associate Professor · BCCDC PHL

- Clinical Faculty Award for Excellence in Research (Early Career), Faculty of Medicine, UBC



Jennifer Kong

Adjunct Professor

- UBC OER Champion Award for Teaching

DEPARTMENT OF PATHOLOGY & LABORATORY MEDICINE AWARDS 2025

Departmental Honours

The department's own 2025 awards — recognizing excellence in teaching, research, clinical service, mentorship, equity and community.

TEACHING & EDUCATION



Dr. Morgan Alford

Instructor

- Undergraduate Teaching Award



Dr. Daniel Holmes

Clinical Professor · Providence Health Care

- Teaching Award — Graduate Program



Dr. Jonathan Bush

Clinical Associate Professor

- Teaching in the Resident Program

RESEARCH & DISCOVERY



Dr. Shannon Russell

Clinical Assistant Professor

- Excellence in Research — Within 7 Years of Appointment



Dr. Patrick Tang

Clinical Professor · Providence Health Care

- Excellence in Research — Greater than 7 Years

CLINICAL SERVICE & LEADERSHIP



Dr. Natalie Prystajec

Clinical Associate Professor · BCCDC PHL

- Excellence in Clinical Service — Academic (Vancouver Centres)



Dr. Shazia Masud

Clinical Assistant Professor · Fraser Health

- Excellence in Clinical Service — Community or Rural Areas



Dr. Suzanne Vercauteren

Clinical Professor · BC Children's Hospital

- Suzanne Vercauteren Clinical Leadership Award



Shelley Berkow

Staff

- Most Valuable Player Award

DEPARTMENT OF PATHOLOGY & LABORATORY MEDICINE AWARDS 2025

Departmental Honours *continued*

Mentorship and community honours, our trainee and staff awards, the BMLSc awards, and the teaching awards conferred by the Residency Program.

MENTORSHIP & LIFETIME ACHIEVEMENT



Amanda Bradley

BMLSc Program

- Excellence in Mentoring
- David Hardwick Lifetime Achievement Award



Dr. Matthew Yan

Clinical Associate Professor

- Excellence in Mentoring — Residency Program



Dr. Muhammad Morshed

Clinical Professor · BCCDC

- David Hardwick Lifetime Achievement Award

EQUITY, DIVERSITY & COMMUNITY



Dr. Corree Laule

Professor

- Dana Devine Equity, Diversity & Inclusion Award



Cheryl Niamath

Staff

- Dana Devine Equity, Diversity & Inclusion Award



Dr. William (Bill) Godolphin

Professor Emeritus

- Community Engagement & Philanthropy Award

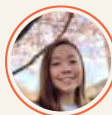
TRAINEE AWARDS



Jennifer Cooper

PhD Trainee

- Trainee Award — PhD



Fang Fang Li

PhD Trainee

- Trainee Award — PhD



Dr. Calvin Lo

Resident

- Trainee Award — Resident

STAFF SERVICE



Debbie Bertanjoli

Database & Information Systems Manager

- Staff Service Award — Administration



Tessa Morelli

Research Technician

- Staff Service Award — Non-Union Research Technician

BMLSC AWARDS



Dr. Añuli C. Uzozie

Assistant Professor of Teaching · Director, BMLSc Program

- Graduates' Choice for Teaching Excellence
- Reid Memorial CUP Award



Dr. Sophia Park

Clinical Professor · BMLSc Program

- Graduates' Choice for Teaching Excellence



Ms. Jennifer Xenakis

BMLSc Program

- Graduates' Choice for Teaching Excellence

RESIDENCY PROGRAM AWARDS



Dr. Claudine Desruisseaux

Clinical Assistant Professor

- Dr. Melvyn Bernstein Resident Teaching Award



Dr. Mohammad Bahmanyar

Clinical Assistant Professor

- Dr. Melvyn Bernstein Resident Teaching Award



Dr. Karen Ung

Clinical Instructor

- Diagnostic & Molecular Pathology Community Resident Teaching Award



Dr. Carl Ren

Clinical Instructor

- Dr. Roberta Miller Resident Teaching Award

In 2025, three signature gatherings brought our community together — the **Seasonal Celebration**, **Residency Graduation**, and **Pathology Day**. With heartfelt thanks to everyone who organized, presented, volunteered, and took part — in every capacity.

JANUARY 17, 2025

Seasonal Celebration

The department's winter gathering brought colleagues together for an evening of celebration, where staff service and clinical awards were presented.



Staff service and clinical awards presented by the Department Head, and colleagues gathered for the evening.

MAY 14, 2025

Residency Graduation

The department celebrated its graduating residents and fellows — certificates conferred, teaching honours awarded, and families gathered to mark years of training.

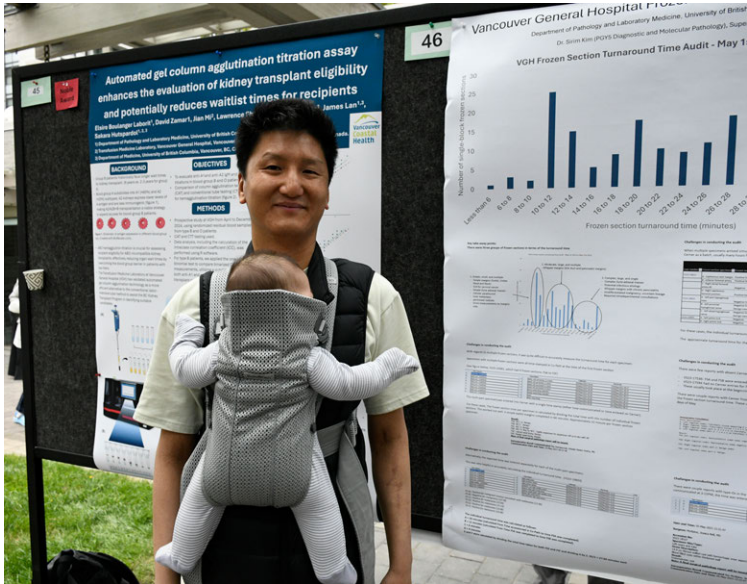
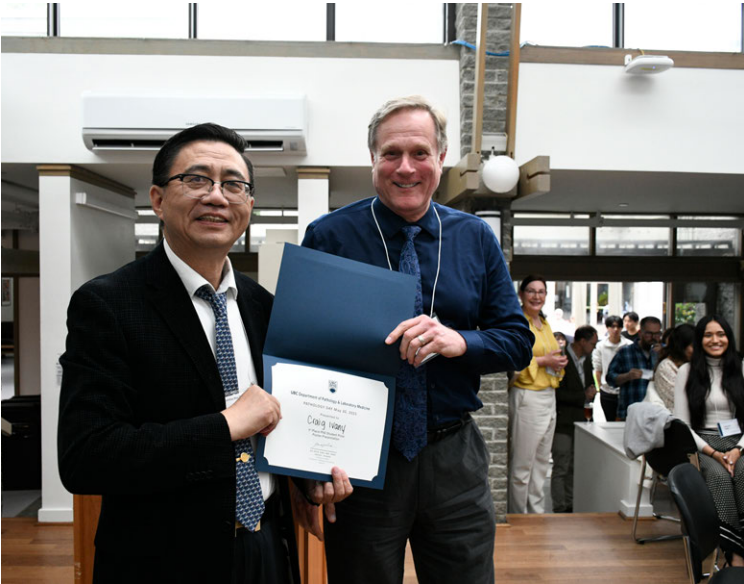


Certificate presentations, the Bernstein teaching awards, and the 2025 graduating class.

MAY 30, 2025

Pathology Day

Trainees and faculty filled the Robert H. Lee Alumni Centre for the department's flagship research day — poster sessions, prize presentations, and a courtyard reception.



2025 EVENTS

Thank you

To everyone who made this year's gatherings possible — with gratitude.

Poster presentations, prize-winners, live music, and the courtyard reception.

SECTION

04

Department Fact Sheet

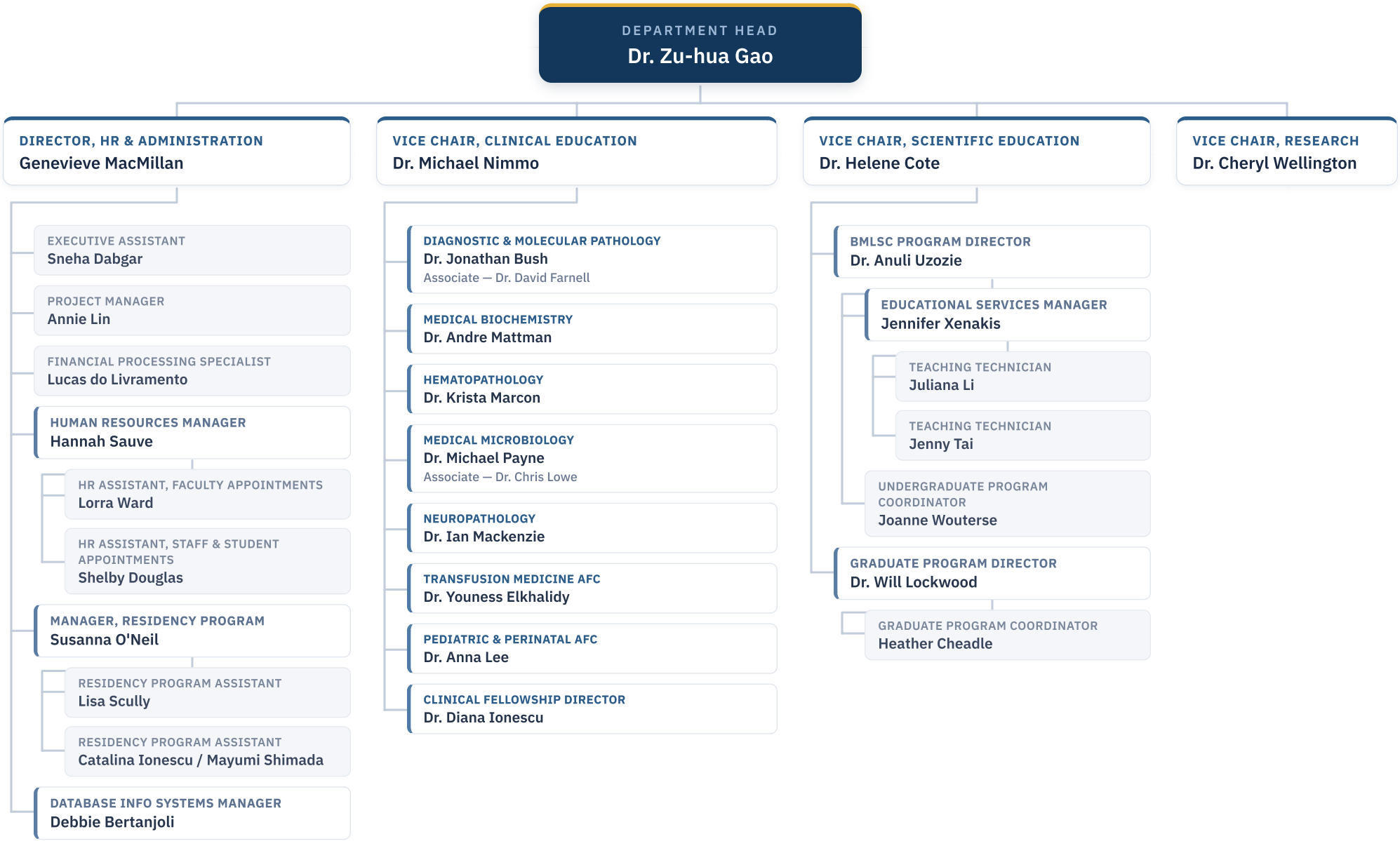
Our people, programs and reach across British
Columbia — the year in numbers.



Department of Pathology & Laboratory Medicine

Organizational Chart · 2026

DEPARTMENT HEAD LEADERSHIP MANAGEMENT & PROGRAMS STAFF



Financial Portfolio

FISCAL YEAR 2025–26

TOTAL FINANCIAL ACTIVITY

\$82.4M

▲ 16.8%

vs 2024–25

RESEARCH FUNDS BY SOURCE

Grand Total \$31,377,951

40.3%

Foundations
\$12.65M

29.0%

Federal · Tri-Agency
\$9.10M

21.3%

US / Foreign
\$6.69M

8.7%

Provincial
\$2.73M

0.6%

Industry
\$0.20M

Foundations up on additional BC Cancer funding (+\$933k) · Federal reflects new Tri-Agency (CIHR) grants · US / Foreign gains led by USA DoD funding · Provincial up with new McMaster University funding (+\$800k).

DEPARTMENT FUNDS

\$47.9M

Research Awards (cross-listed) \$31.4M

GPOF — Operating \$6.93M

GPOF — Salary Cost Recovery \$4.46M

GPOF — Fee for Service \$2.59M

GPOF — Dept Unrestricted \$1.25M

Specific Purpose Funds \$0.90M

Endowment Funds \$0.39M

Research Awards (\$31.4M) are reported within Department Funds and shown separately under Research Funds. GPOF = General Purpose Operating Funds.

PERSONNEL AWARDS

\$3.14M

Fellowship \$1,395,656
44.4%

Chair \$1,139,500
36.2%

Investigatorship \$609,500
19.4%

Grand Total \$3,144,656

\$82.4M

TOTAL FINANCIAL
ACTIVITY

\$47.9M

DEPARTMENT FUNDS

\$31.4M

RESEARCH FUNDS

\$3.1M

PERSONNEL AWARDS

Faculty & Staff 2025–26

DEPARTMENT ROSTER & APPOINTMENT PROFILE

498

FACULTY MEMBERS

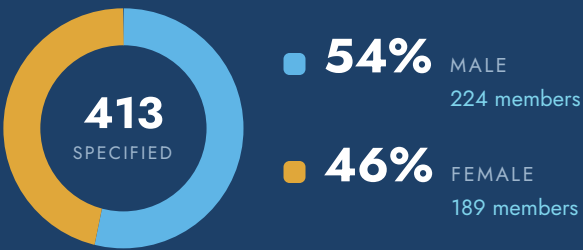
Appointed roster, 2025–26 · +27
associate members

177

STAFF APPOINTMENTS

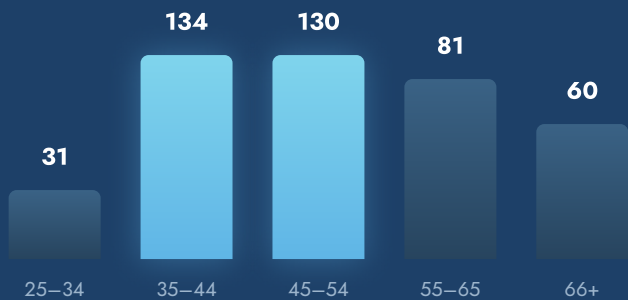
Across four employee groups

FACULTY GENDER COMPOSITION



Based on appointed faculty roster. 24 members unspecified and excluded from the split.

FACULTY BY AGE



61% of faculty are in their prime productive years (35–54).

FACULTY BY RANK

14 ACTIVE RANK CATEGORIES

CLINICAL APPOINTMENTS



TRAINEES & OTHER



ACADEMIC APPOINTMENTS



7 faculty hold joint appointments with partner units — 3 Professors, 1 Associate & 3 Assistant Professors, counted within their ranks above, not as a separate group.

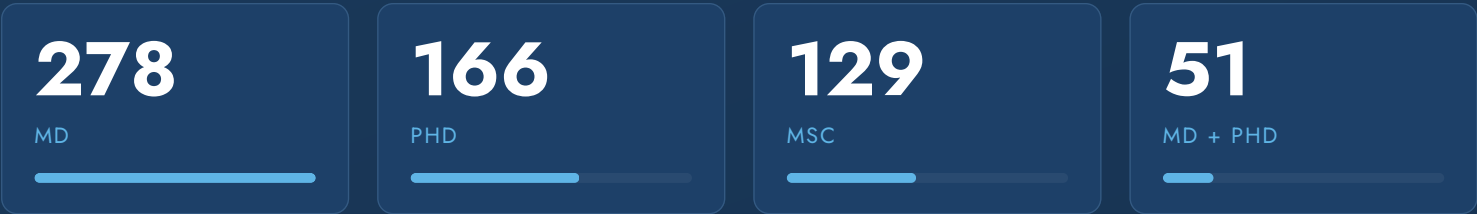
27 Associate Members and 3 Honorary / Senior Lecturers are reported separately and not included in the 498 faculty total.

Degree & Appointments

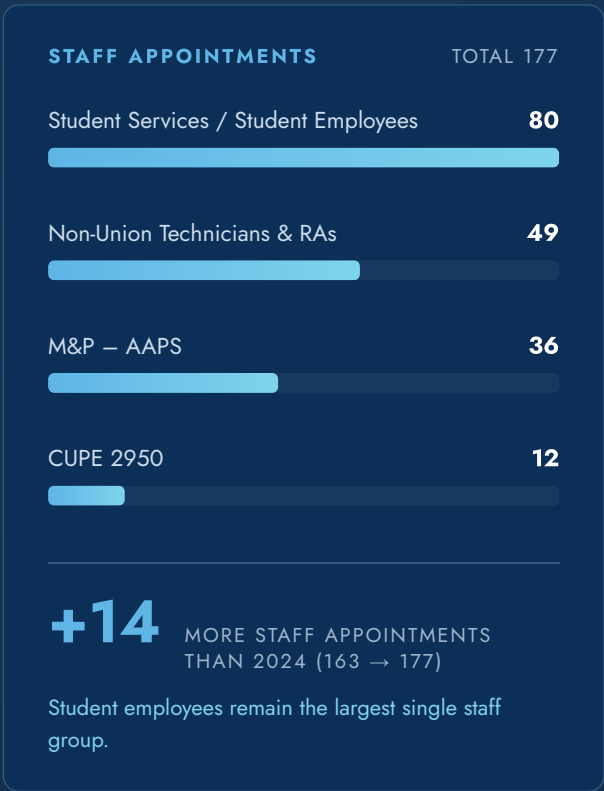
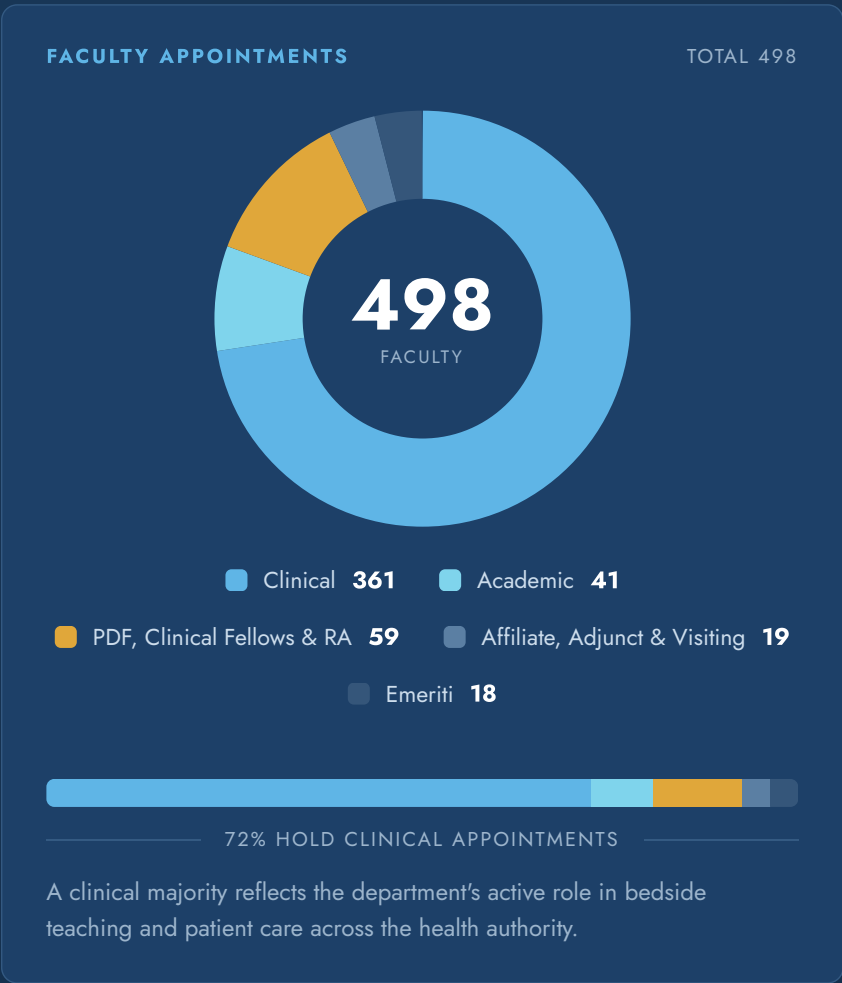
CREDENTIALS & APPOINTMENT DISTRIBUTION

FACULTY BY DEGREE

HIGHEST CREDENTIALS HELD



Counts reflect all degrees held, so members appear in more than one column. 13 faculty hold an MD, MSc & PhD together. Excludes PDF, Research Associates, and Associate & Visiting members.



Scholarly Output

REFEREED PUBLICATIONS & CITATION IMPACT · 2025 · SCOPUS & FACULTY ACTIVITY DATABASE

531

UNIQUE REFEREED PUBLICATIONS

In 2025, departmental faculty published **531 unique refereed works** across pathology & laboratory medicine — indexed in Scopus and the Faculty Activity Database.

MOST-PUBLISHED JOURNALS · 2025

10 journals with 5+ departmental papers

J. Thrombosis & Haemostasis	9	Microbiology Spectrum	9
Blood	6	Clinical Biochemistry	6
Anesthesiology	5	Clin. Chemistry & Lab Medicine	5
Neuro-Oncology	5	JAMMI	5
BC Medical Journal	5	JOGC	5

RESEARCH LEADERS BY H-INDEX

Top 10 · department-wide · Scopus

1	Huntsman	149	6	Churg	91
2	Gown	102	7	Sorensen	84
3	Nielsen	100	8	Lam	77
4	Aparicio	99	9	Kleinman	73
5	Mackenzie	98	10	Bally	70

h-index reflects lifetime citation impact (Scopus, 2025), not 2025 output alone. Ranked across all departmental investigators.

149

The department's highest h-index — reflecting sustained, internationally cited contributions to cancer genomics and pathology research over a career.

Research Funding: 2025 in Review

GRANT APPLICATIONS & AWARDS · SOURCE: UBC RISE

276

APPLICATIONS
SUBMITTED

2nd-highest in a decade

\$160.9M

TOTAL REQUESTED

Strongest since 2022

85+

AWARDED TO DATE

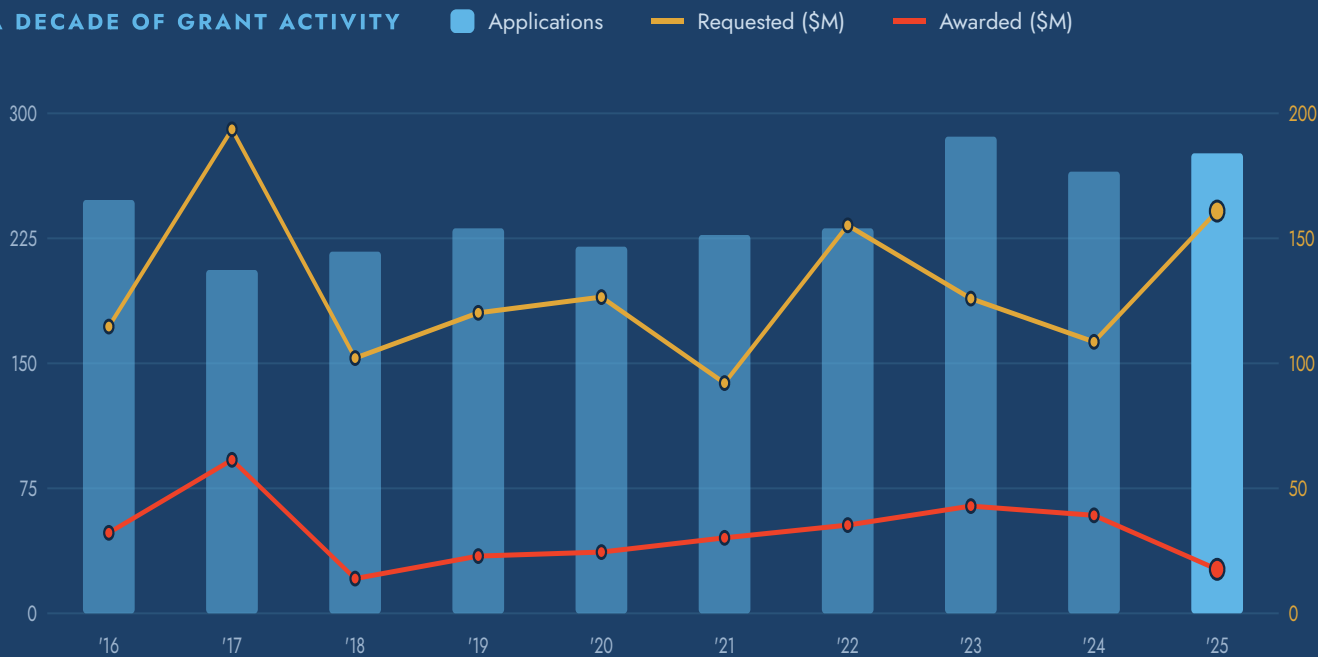
Decisions still arriving

\$17.6M

FUNDING CONFIRMED

Will climb as 2025
adjudicates

A DECADE OF GRANT ACTIVITY



Bars show applications submitted each year (left axis); lines show total **requested** vs **awarded** funding (\$M, right axis). 2025 awarded totals are still being adjudicated and will continue to rise.

Note: UBC RISE data may not be complete; this section will be updated as full PALM data becomes available.

The 2025 Funding Landscape

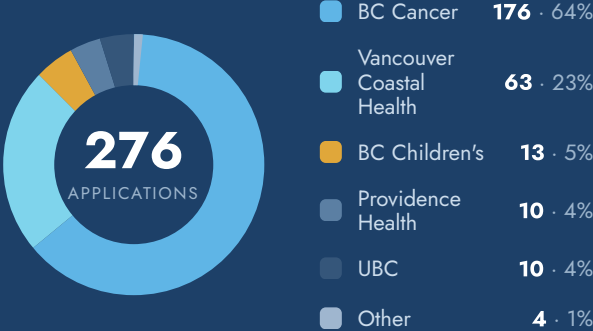
SPONSORS, HOST INSTITUTIONS & LEADING INVESTIGATORS · UBC RISE

APPLICATIONS BY SPONSOR



43% CIHR leads at \$69.2M of all funding requested.

APPLICATIONS BY HOST INSTITUTION



40+
INTERNATIONAL
APPLICATIONS

INTERNATIONAL REACH

Beyond Canadian agencies, more than 40 applications (over \$40M requested) sought support from U.S., U.K. and European sponsors — including the **U.S. National Institutes of Health**, the **Wellcome Trust**, the **European Research Council** and **Cancer Research UK**, alongside major U.S. foundations such as The V Foundation, Alex's Lemonade Stand and the Mark Foundation for Cancer Research.

MOST ACTIVE INVESTIGATORS



APPLICATIONS SUBMITTED · 2025



EDUCATION PROGRAMS

Programs & Trainees

Undergraduate and BMLSc studies, graduate programs, the residency program, subspecialty fellowships, postdoctoral training and professional & continuing education.

66

GRADUATE STUDENTS

42

RESIDENCY TRAINEES

23

FELLOWSHIP TRAINEES

32

POSTDOCTORAL FELLOWS

Graduate Studies

39 SUPERVISORS

MSc Students 28

PhD Students 38

Total 66 graduate students 39 supervisors

Fellowships

23 TRAINEES

Gastrointestinal & Liver Pathology 4

Breast Pathology 4

Gynecological Pathology 3

Head & Neck Pathology 2

Bone & Soft Tissue Pathology 2

Antimicrobial Stewardship 2

Genitourinary Pathology 2

Infection Prevention & Control 1

Medical Microbiology 1

Adv. Hematopathology & Cancer Genetics 1

Dermatology 1

Residency Program

42 TRAINEES

Diagnostic & Molecular Pathology 21

Medical Microbiology 7

AFC — Transfusion Medicine 4

Hematopathology 4

Neuropathology 3

AFC — Pediatric & Perinatal 2

Medical Biochemistry 1

General Pathology 0

Outstanding Achievements

2025 GRADUATE AWARDS

CIHR CGS-M

Aakar Chatha · Michelle (Chu Qiao) Lin · Asha Subramaniam · Jenny Zhao

CIHR CGS-D

Maria Elishaev · Michael Lane

Four-Year Doctoral Fellowship (4YF)

Kidus Achalu · Zhihan (Claire) Wang

BC Graduate Student Award

Michelle Lin

A 2025 snapshot of actively enrolled trainees. **AFC** = Area of Focused Competence, a Royal College–accredited subspecialty pathway. Graduate totals count students supervised by PLM faculty.

UNDERGRADUATE EDUCATION

BMLSc & Undergraduate Studies

The Bachelor of Medical Laboratory Science program, departmental undergraduate courses, and the inaugural Infection Prevention & Control certificate.

BMLSc Program	2025
Students Continuing 27 · Co-op 10	37
Program Courses PATH 24 · non-PATH 3	27
Program Credits	65
Instructors Faculty · Technologists · Others	113
Lecture Hours	511
Other Instruction hours	521

Undergraduate Courses	PATH	
COURSE	CREDITS	STUDENTS
PATH 375.001	3	80
PATH 375.002	3	90
PATH 417	3	24
PATH 437	3	—
PATH 438	6	8
Total	18	202
PATH 437 enrolment not reported for this cycle.		

BMLSc Major Awards	2025W
Graduates' Choice for Teaching Excellence Dr. Añuli Uzozie · Dr. Sophia Park · Ms. Jennifer Xenakis	
The Reid Memorial Cup Dr. Añuli Uzozie	

◆ NEW · INAUGURAL COHORT	
IPAC Certificate	
INFECTION PREVENTION & CONTROL · FIRST INTAKE JAN 5, 2026	
Students in first cohort	20
Domestic students 5 provinces · 1 territory	17
International students	3

BMLSc = Bachelor of Medical Laboratory Science. Instructor counts combine faculty, technologists and guest lecturers; hours are summed across all program courses. **IPAC** = Infection Prevention & Control.

PROFESSIONAL & CONTINUING EDUCATION

Quality, Microbiology & Lifelong Learning

Programs of the Program Office for Laboratory Quality Management (POLQM) and the Clinical Microbiology Proficiency Testing (CMPT) program.

POLQM Programs2025

89

Lab Quality Conf. attendees

24

LQM certificate completions

17

AST&I microcert. completions

5

ISO 15189:2022 short course

CMPT — Education & TrainingCPD

CPD · CLINICAL MICROBIOLOGY

Laboratory Cases in Clinical Microbiology

502

graduates since 2016 —
practising laboratory
professionals trained through
the CMPT proficiency
casebook.

FEATURED · 2025

2025 Laboratory
Quality Conference

POLQM hosted the 2025 Laboratory Quality Conference — **“Tools and best practices to promote diagnostic quality”** — at UBC, Vancouver, **June 16–17, 2025**, drawing 89 attendees. CMPT continues to host students, residents and international trainees on rotation throughout the year.

04 · EDUCATION

UBC PATHOLOGY & LABORATORY MEDICINE

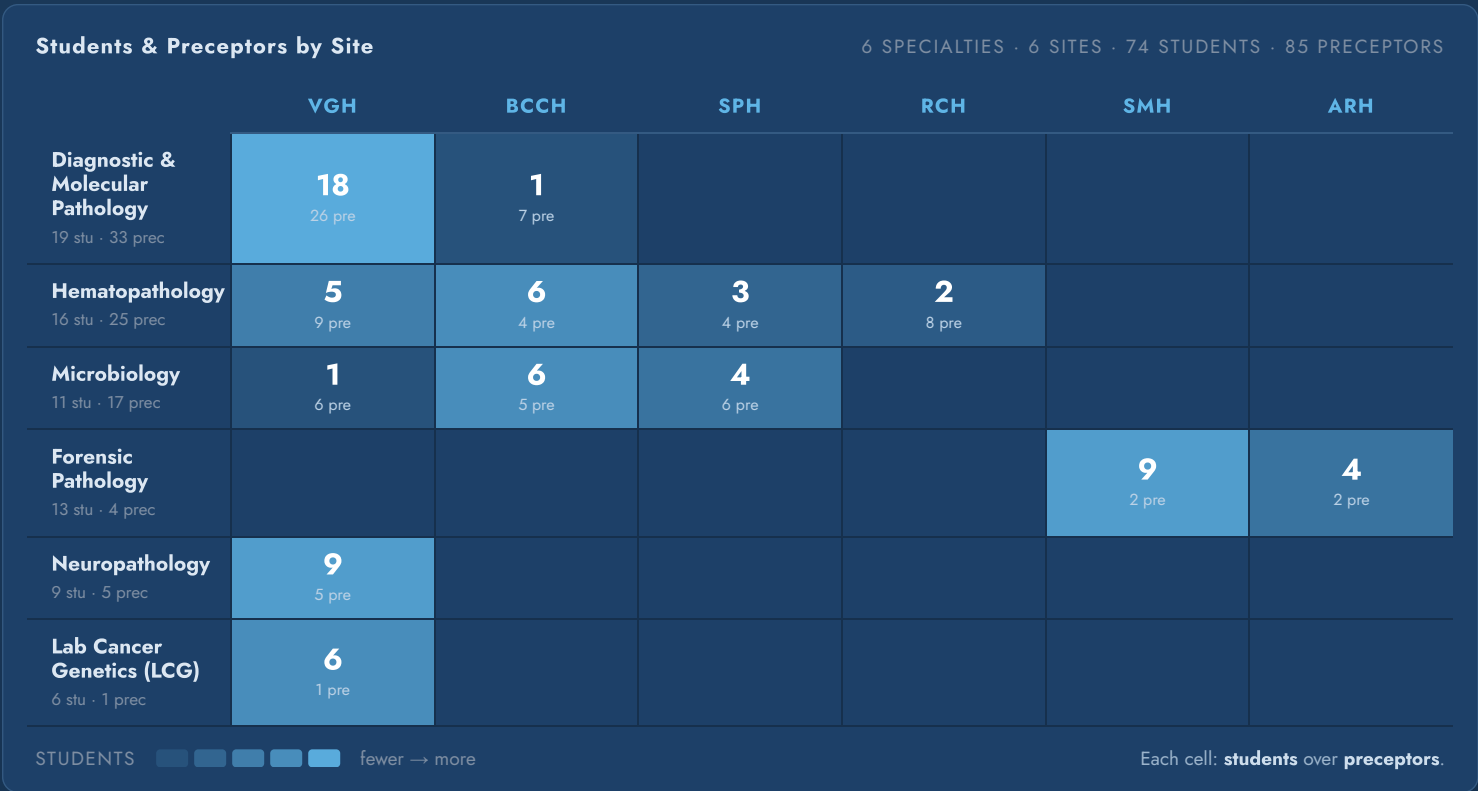
40

DEPARTMENT FACT SHEET · 2025

TRAINING & ROTATION · 2025

Students, Preceptors & Training Instances

Medical students, residents and clinical fellows trained across hospital sites by specialty, with resident & fellow training instances by health authority.



How to read this — matrix cells show students (large) over preceptors at each site, shaded by student volume. An “instance” counts each rotation block a resident or fellow completes at a site, so one trainee doing three blocks at VGH counts three times. **Sites** — VGH Vancouver General · BCCH BC Children’s · SPH St. Paul’s · RCH Royal Columbian · SMH Surrey Memorial · ARH Abbotsford Regional · BCCA BC Cancer · BCCDC BC Centre for Disease Control · BGH Burnaby General.

05

APPENDIX

Publications & Funding 2025

This appendix lists the 2025 refereed publications of departmental faculty — in two parallel tracks, **academic** and **clinical** — followed by the grants awarded to the department in 2025. Publications are organized alphabetically by faculty surname; grants alphabetically by investigator.

277

ACADEMIC
PUBLICATIONS

297

CLINICAL PUBLICATIONS

85 grants

\$17.6M AWARDED

NOTE ON GRANTS DATA

The grants figures are drawn from UBC RISE (2025), which currently has some known limitations in its reporting. We are actively working to reconcile these records and will update this section as the data is finalized.

Sources: Scopus (2025) and the Faculty Activity Database for publications; UBC RISE (2025) for grants. Each publication is attributed to every departmental co-author; author lists beyond twelve names are abbreviated with “et al.”



ACADEMIC FACULTY Refereed Publications 2025

277 publications

Source: Scopus & Faculty Activity Database – grouped by faculty surname.

Aparicio, Samuel	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell</i> . 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0.
	Coorens THH, Oh JW, Choi YA, Lim NS, Zhao B, Voshall A, Abyzov A, Antonacci-Fulton L, Aparicio S, Ardlie KG, Bell TJ, Bennett JT, et al. The Somatic Mosaicism across Human Tissues Network. <i>Nature</i> . 2025;643(8070):47-59. doi:10.1038/s41586-025-09096-7. PMID:40604182.0.
	Gerbac ZJ, Serapio-Palacios A, Metcalfe-Roach A, Krekhno Z, Bar-Yoseph H, Woodward SE, Pena-Díaz J, Nemirovsky O, Awrey S, Moreno SH, Beatty S, Kong E, et al. Identification of intratumoral bacteria that enhance breast tumor metastasis. <i>mBio</i> . 2025;16(3). doi:10.1128/mbio.03595-24. PMID:39932300.0.
	Lam K, Daniels W, Douglas JM, Lai D, Aparicio S, Bloem-Reddy B, Park Y. CN-SBM: Categorical Block Modelling For Primary and Residual Copy Number Variation. <i>Proc. Mach. Learn. Res.</i> 2025;311.
	Lucas O, Ward S, Zaidi R, Bunkum A, Frankell AM, Moore DA, Hill MS, Liu WK, Marinelli D, Lim EL, Hessey S, Naceur-Lombardelli C, et al. Characterizing the evolutionary dynamics of cancer proliferation in single-cell clones with SPRINTER. <i>Nat. Genet.</i> 2025;57(1):103-114. doi:10.1038/s41588-024-01989-z. PMID:39614124.0.
	McPherson A, Vázquez-García I, Myers MA, Al-Rawi DH, Zatzman M, Weiner AC, Freeman S, Mohibullah N, Satas G, Williams MJ, Ceglia N, Norkūnaitė D, et al. Ongoing genome doubling shapes evolvability and immunity in ovarian cancer. <i>Nature</i> . 2025;644(8078):1078-1087. doi:10.1038/s41586-025-09240-3. PMID:40670783.0.
	Nguyen LV, Eyal-Lubling Y, Guerrero-Romero D, Kronheim S, Chin S-F, Manzano Garcia R, Sammut S-J, Lerda G, Lui AJW, Bardwell HA, Greenwood W, Shin HJ, et al. Fitness and transcriptional plasticity of human breast cancer single-cell-derived clones. <i>Cell Rep.</i> 2025;44(5):115699. doi:10.1016/j.celrep.2025.115699. PMID:40359107.0.
	Samarasekera G, Go NE, Choutka C, Xu J, Takemon Y, Chan J, Chan M, Perera S, Aparicio S, Morin GB, Marra MA, Chittaranjan S, et al. Caspase 3 and caspase 7 promote cytoprotective autophagy and the DNA damage response during non-lethal stress conditions in human breast cancer cells. <i>PLoS Biol.</i> 2025;23(2):e3003034. doi:10.1371/journal.pbio.3003034. PMID:39982959.0.
Bally, Marcel	Dragowska WH, Singh J, Wehbe M, Anantha M, Edwards K, Gorski SM, Bally MB, Leung AWY. Liposomal Formulation of Hydroxychloroquine Can Inhibit Autophagy In Vivo. <i>Pharmaceutics</i> . 2025;17(1):42. doi:10.3390/pharmaceutics17010042.
	Heroux D, Leung AWY, Gilabert-Oriol R, Kulkarni J, Anantha M, Cullis PR, Bally MB. Liposomal delivery of a disulfiram metabolite drives copper-mediated tumor immunity. <i>Int. J. Pharm.</i> 2025;683:126010. doi:10.1016/j.ijpharm.2025.126010. PMID:40752685.0.
	Sharifiaghdam M, Sun X, Leung AWY, Dos Santos N, Wretham N, Nosrati Z, Bally MB. Liposomal Formulations of Metal-CX5461 complexes: Copper-CX5461 complexation mediates CX5461 degradation while Zinc-CX5461 formulations are suitable for development. <i>J. Drug Deliv. Sci. Technol.</i> 2025;114:107586. doi:10.1016/j.jddst.2025.107586.
Bashashati, Ali	Hadjifaradji A, Diaz-Stewart M, Chu J, Farnell D, Schaeffer D, Farahani H, Bashashati A, Loree JM. A Deep Learning Framework for Classification of Neuroendocrine Neoplasm Whole Slide Images. <i>Cancers</i> . 2025;17(18):2991. doi:10.3390/cancers17182991.
	Mallya M, Mirabadi AK, Farnell D, Farahani H, Bashashati A. Benchmarking histopathology foundation models for ovarian cancer bevacizumab treatment response prediction from whole slide images. <i>Discov. Oncol.</i> 2025;16(1):196. doi:10.1007/s12672-025-01973-x.
	Mirabadi AK, Rich K, Farahani H, Bashashati A. BOLTZMANN SEMANTIC SCORE: A SEMANTIC METRIC FOR EVALUATING LARGE VISION MODELS USING LARGE LANGUAGE MODELS. <i>Int. Conf. Learn. Represent., ICLR</i> . 2025:17604-17629.
	Wang C-W, Firdi NP, Chu T-C, Faiz MFI, Iqbal MZ, Li Y, Yang B, Mallya M, Bashashati A, Li F, Wang H, Lu M, et al. ATEC23 Challenge: Automated prediction of treatment effectiveness in ovarian cancer using histopathological images. <i>Med. Image Anal.</i> 2025;99:103342. doi:10.1016/j.media.2024.103342. PMID:39260034.0.

Bennewith, Kevin	Lee C-M, Wadsworth BJ, Urban R, Clark MA, Shi R, Sit D, Hamilton SN, Bennewith KL. Antihypertensive drugs and survival outcomes in oropharyngeal squamous cell carcinoma patients. J. Natl. Cancer Inst. 2025;117(7):1410-1420. doi:10.1093/jnci/djaf056. PMID:40179132.0.
	Shi R, Farnsworth DA, Febres-Aldana CA, Chow JLM, Sheena R, Atwal T, Gomez Marti JL, Li S, Thomas KN, Lee C-M, Awrey SJ, McDonald PC, et al. Drug tolerance and persistence to EGFR inhibitor treatment are mediated by an ILK-SFK-YAP signaling axis in lung adenocarcinoma. Oncogene. 2025;44(32):2831-2849. doi:10.1038/s41388-025-03461-6. PMID:40450112.0.
Chen, Michael	Yang Y-J, Lee C-H, Wang S-Y, Chuang Y-K, Chen MX, Shih H-C, Tsai I-L. Integrated Glycosylation Analysis of Immunoglobulin Isotypes Reveals Expanded Humoral Remodeling in Elderly Tuberculosis Infection. Mol Cell Proteomics. 2025;24(12):101438. doi:10.1016/j.mcpro.2025.101438. PMID:41175940.0.
Churg, Andrew	Brown LM, Wilkins SG, Bansal VV, Su DG, Gomez-Mayorga J, Turaga KK, Gunderson CG, Lee B, Nash GM, Hays JL, Raghav KP, Husain AL, et al. Consensus guideline for the management of peritoneal mesothelioma. Cancer. 2025;131(13):e35868. doi:10.1002/cncr.35868. PMID:40558081.0.
	Churg A, Müller NL. Atlas of Interstitial Lung Disease Pathology: With High Resolution CT Correlations. Atlas of Interstitial Lung Disease Pathology: With High Resolution CT Correlations. 2025:1-300. doi:10.1007/978-3-031-85967-0.
	Churg A, Poletti V, Ravaglia C, Matej R, Vasakova MK, Hornychova H, Stewart B, Patel D, Duarte E, Gomez Manjares DC, Mehta HJ, Vaszar LT, et al. Pathological features of connective tissue disease-associated interstitial lung disease in transbronchial cryobiopsies. Histopathology. 2025;86(2):260-267. doi:10.1111/his.15311. PMID:39223069.0.
	Churg A, Spence T, Martin KC, Senz J, Yip S, Naso JR. CDKN2A Chromogenic in Situ Hybridization for Separating Benign from Malignant Mesothelial Proliferations. Am. J. Surg. Pathol. 2025;49(7):646-649. doi:10.1097/PAS.0000000000002395. PMID:40160119.0.
	Churg A, Wright JL, Manchen P, Politis MG, Butt Y, Larsen BT, Smith ML, Sakata K, Vaszar L, Tazelaar HD. A Brief Guide to Interpreting Transbronchial Cryobiopsies for Diffuse Parenchymal Lung Disease. Am. J. Surg. Pathol. 2025;49(10):1068-1077. doi:10.1097/PAS.0000000000002424. PMID:40396574.0.
	Gamble JL, Müller NL, Churg A, Bilawich A-M. Pleuroparenchymal Fibroelastosis: Update on CT and Histologic Findings. Radiol. Cardiothorac. Imaging. 2025;7(2):e240382. doi:10.1148/ryct.240382.
	Grant-Orser A, Asmussen M, Marinescu D-C, Hague CJ, Muller NL, Murphy DT, Churg A, Wright JL, Al-Arnawoot A, Bilawich A-M, Bourgouin P, Cox G, et al. BAL Fluid Cellular Analysis and Radiologic Patterns in Patients With Fibrotic Interstitial Lung Disease. Chest. 2025;167(1):172-182. doi:10.1016/j.chest.2024.07.166. PMID:39179174.0.
	Manchen P, Garlin Politis M, Churg A, Pfefferle K, Monroy-Lopez M, Butt Y, Larsen BT, Smith ML, Wright JL, Tazelaar HD. The utility of deeper levels in evaluating transbronchial cryobiopsy specimens for interstitial lung disease. Histopathology. 2025;87(1):159-161. doi:10.1111/his.15468. PMID:40326576.0.
	Marinescu D-C, Hague CJ, Muller NL, Murphy D, Churg A, Wright JL, Al-Arnawoot A, Bilawich A-M, Bourgouin P, Cox G, Durand C, Elliot T, et al. CT Honeycombing and Traction Bronchiectasis Extent Independently Predict Survival across Fibrotic Interstitial Lung Disease Subtypes. Radiology. 2025;314(2):e241001. doi:10.1148/radiol.241001. PMID:39903073.0.
	Ryerson CJ, Marinescu D-C, Muller NL, Hague CJ, Murphy D, Churg A, Wright JL, Al-Arnawoot A, Bilawich A-M, Bourgouin P, Cox G, Elliot T, et al. Outcomes of a Typical Fibrotic Hypersensitivity Pneumonitis Pattern on Chest Computed Tomography. Am. J. Respir. Crit. Care Med. 2025;211(10):1802-1810. doi:10.1164/rccm.202411-2215OC. PMID:40505139.0.
Côté, Hélène	Fang Z, Povshedna T, Patterson R, Ready E, Cote HCF, Murray MCM, King EM. Sex differences in discontinuations due to side effects of second-generation integrase strand transfer inhibitors: a systematic review and meta-analysis. eClinicalMedicine. 2025;84:103246. doi:10.1016/j.eclim.2025.103246.
	Fong KU, Osborne Z, Povshedna T, Côté HCF, Olaniyan F, Tharao W, Tognazzini S, Kennedy VL, Loutfy M, Murray MCM, King E. Delivery of the women-centred HIV care model in Canadian HIV clinics: an environmental scan. AIDS Care Psychol. Socio-Med. Asp. AIDS HIV. 2025. doi:10.1080/09540121.2025.2588379. PMID:41310963.0.
	Fougère Y, Brophy J, Hawkes MT, Lee T, Samson L, Gantt S, Dufour M-SK, Renaud C, Dieumegard H, Diallo MA, Canape J, Read S, et al. Clinical and Immunologic Impact of CMV Coinfection among Children Living with HIV in Canada. Pediatr. Infect. Dis. J. 2025;44(8):764-771. doi:10.1097/INF.0000000000004811. PMID:40209769.0.
	Gao Z-H, McMillan G, Wellington C, Cote H, Nimmo M, Huntsman D, Vercauteren S, Perrone L, Granville D, Laule C. From good to great: The journey of sustained academic improvement of a university department of pathology and laboratory medicine. Acad. Pathol. 2025;12(1):100159. doi:10.1016/j.acpath.2025.100159.

	Gebremedhen T, Campbell AR, Magagula P, Gormley R, Mudhikwa CV, Maan EJ, Côté HCF, Murray MCM, Kaida A. Understanding Research Participation Experiences Among Persons Identifying as African, Caribbean, and Black in British Columbia. <i>Prog. Community Health Partnerships Res. Educ. Action.</i> 2025;19(2):169-178. doi:10.1353/cpr.2025.a965354. PMID:40718914.0. Hsieh AYY, Cai R, Bernard NF, Tremblay CL, Côté HCF. Evidence of greater immune aging among untreated HIV slow progressors than antiretroviral-controlled people living with HIV. <i>J. Infect.</i> 2025;91(1):106511. doi:10.1016/j.jinf.2025.106511. PMID:40398500.0. Mathews K, Swann SA, Campbell AR, Lee M, Pang D, Tognazzini S, Carter A, Loutfy M, King EM, Nicholson V, Kaida A, Côté HCF, et al. Sexual Activity, Pleasure, and Testosterone: A Biopsychosocial Analysis of Women Living With and Without HIV in British Columbia, Canada. <i>J. Sex Res.</i> 2025. doi:10.1080/00224499.2025.2503896. Mudhikwa CV, Bastos JL, Massaquoi N, Carter A, Magagula P, King EM, Côté HCF, Murray MCM, Kaida A. Factorial invariance of the Everyday Discrimination Scale among African, Caribbean, Black, and other racialized women living with and without HIV in British Columbia, Canada. <i>Can. J. Public Health.</i> 2025;116(2):219-230. doi:10.17269/s41997-024-00966-7. PMID:39623214.0. Natoli RM, Marchand LS, Bzovsky S, Hagen JE, Gage MJ, Stennett CA, O'Hara NN, Jeray KJ, Petrisor B, Sprague S, Slobogean GP, Slobogean GP, et al. Infection and Nonunion Rates in Open Fractures: Description of 6, 042 Fractures from the FLOW and PREP-IT Trials. <i>J. Bone Jt. Surg.</i> 2025;107(22):2541-2553. doi:10.2106/JBJS.24.01055. PMID:41315040.0. Povshedna T, Swann SA, Silva MAP, Tognazzini S, Lee M, King EM, Osborne Z, Kaida A, Murray MCM, Côté HCF. Self-reported HIV viral load is reliable and not affected by adverse lived experiences of women living with HIV in British Columbia. <i>HIV Med.</i> 2025;26(7):1142-1149. doi:10.1111/hiv.70035. PMID:40326278.0. Ragazan DC, Povshedna T, Tognazzini S, Kaida A, Murray MCM, Cote HCF. Chronic Pain, Mental Health, and Sense of Purpose in Life Among Women Living with HIV Compared to HIV-Negative Women in the British Columbia CARMA-CHIWOS Collaboration (BCC3) Study. <i>AIDS Behav.</i> 2025;29(6):1747-1760. doi:10.1007/s10461-025-04644-8. PMID:39890757.0. Smith M-SR, Cai R, Côté HCF. Off target effects of HIV integrase strand transfer inhibitors in cell and animal models: a scoping review. <i>AIDS.</i> 2025;39(13):1849-1865. doi:10.1097/QAD.0000000000004261. PMID:41000031.0. Wang LQ, Del Gobbo GF, Wong E, Wilson SL, Campbell M, Konwar C, Peñaherrera M, Money D, Côté H, Robinson WP. Placental CCR5 polymorphisms in relation to fetal growth. <i>J. Reprod. Immunol.</i> 2025;171:104622. doi:10.1016/j.jri.2025.104622. PMID:40706255.0.
Enfield, Katey	Bentham R, Jones TP, Black JRM, Martinez-Ruiz C, Dietzen M, Litovchenko M, Thol K, Watkins TBK, Bailey C, Pich O, Zhang Z, Van Loo P, et al. ImmuneLENS characterizes systemic immune dysregulation in aging and cancer. <i>Nat. Genet.</i> 2025;57(3):694-705. doi:10.1038/s41588-025-02086-5. PMID:39966644.0. Biswas D, Liu Y-H, Herrero J, Wu Y, Moore DA, Karasaki T, Grigoriadis K, Lu W-T, Veeriah S, Naceur-Lombardelli C, Magno N, Ward S, et al. Prospective validation of ORACLE, a clonal expression biomarker associated with survival of patients with lung adenocarcinoma. <i>Nature Cancer.</i> 2025;6(1):86-101. doi:10.1038/s43018-024-00883-1. PMID:39789179.0. Black JRM, Bartha G, Abbott CW, Boyle SM, Karasaki T, Li B, Chen R, Harris J, Veeriah S, Colopi M, Bakir MA, Liu WK, et al. Ultrasensitive ctDNA detection for preoperative disease stratification in early-stage lung adenocarcinoma. <i>Nat. Med.</i> 2025;31(1):70-76. doi:10.1038/s41591-024-03216-y. PMID:39806071.0. Cross W, Lyskjær I, Davies C, Bunkum A, Rocha AM, Lesluyes T, Amary F, Tirabosco R, Naceur-Lombardelli C, Leslie R, Bridger H, Farrelly L, et al. Loss of IDH1 and IDH2 mutations during the evolution of metastatic chondrosarcoma. <i>Genome Biol.</i> 2025;26(1):404. doi:10.1186/s13059-025-03812-2. PMID:41299743.0. Dijkstra KK, Vendramin R, Karagianni D, Witsen M, Gálvez-Cancino F, Hill MS, Foster KA, Barbè V, Angelova M, Hynds RE, Pearce DR, Martínez-Ruiz C, et al. Subclonal immune evasion in non-small cell lung cancer. <i>Cancer Cell.</i> 2025;43(10):1833-1849.e10. doi:10.1016/j.ccell.2025.06.012. PMID:40614739.0. Gimeno-Valiente F, Castignani C, Larose Cadieux E, Mensah NE, Liu X, Chen K, Chervova O, Karasaki T, Weeden CE, Richard C, Lai S, Martínez-Ruiz C, et al. DNA methylation cooperates with genomic alterations during non-small cell lung cancer evolution. <i>Nat. Genet.</i> 2025;57(9):2226-2237. doi:10.1038/s41588-025-02307-x. PMID:40931149.0. Pich O, Bernard E, Zagorulya M, Rowan A, Pospori C, Slama R, Huerga Encabo H, O'Sullivan J, Papazoglou D, Anastasiou P, Iliakis CS, Clark S-A, et al. Tumor-Infiltrating Clonal Hematopoiesis. <i>New Engl. J. Med.</i> 2025;392(16):1594-1608. doi:10.1056/NEJMoa2413361. PMID:40267425.0. Souza VGP, Benard KH, Stewart GL, Enfield KSS, Lam WL. Identification of Genomic Instability-Associated LncRNAs as Potential Therapeutic Targets in Lung Adenocarcinoma. <i>Cancers.</i> 2025;17(6):996. doi:10.3390/cancers17060996.

Gao, Zuhua	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell</i> . 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0.
	Gao Z-H, McMillan G, Wellington C, Cote H, Nimmo M, Huntsman D, Vercauteren S, Perrone L, Granville D, Laule C. From good to great: The journey of sustained academic improvement of a university department of pathology and laboratory medicine. <i>Acad. Pathol</i> . 2025;12(1):100159. doi:10.1016/j.acpath.2025.100159.
	He F, Aebersold R, Baker MS, Bian X, Bo X, Chan DW, Chang C, Chen L, Chen X, Chen Y-J, Cheng H, Collins BC, et al. Correction to: π-HuB: the proteomic navigator of the human body (<i>Nature</i> , (2024), 636, 8042, (322-331), 10.1038/s41586-024-08280-5). <i>Nature</i> . 2025;637(8046):E22. doi:10.1038/s41586-024-08555-x. PMID:39715925.0.
	Mamchur A, Duggan S, Xue H, Niu X-J, Wang Y-Z, Ma Z-W, Kelleher D, Ling V, Gao Z-H. Tetrahydroxylated bile acids prevents malignant progression of Barret esophagus in vitro by inhibiting the interleukin-1β-nuclear factor kappa-B pathway. <i>World J. Gastroenterol</i> . 2025;31(29):107066. doi:10.3748/wjg.v31.i29.107066. PMID:40809930.0.
	Zhao B, Deng W, Li Z-H, Zhou C, Gao Z, Wang G, Li X. Corrigendum to "LESS: Label-efficient multi-scale learning for cytological whole slide image screening" [<i>Medical Image Analysis</i> 94 (2024): 103109] (<i>Medical Image Analysis</i> (2024) 94, (S1361841524000343), (10.1016/j.media.2024.103109)). <i>Med. Image Anal</i> . 2025;104:103648. doi:10.1016/j.media.2025.103648. PMID:40436657.0.
Geltink, Ramon	de Brito Monteiro L, Archambault A-S, Soukhatcheva G, Dai D, Velghe J, Chen Y-C, Verchere CB, Klein Geltink RI. Assessment of protein synthesis rate enables metabolic profiling of resident-immune cells of the islets of Langerhans. <i>Front. Immunol</i> . 2025;16:1662986. doi:10.3389/fimmu.2025.1662986. PMID:41063994.0.
	Li ES, Ho R, Tao R, Choi YWY, Shin CY, Chen SY, Gokbayrak B, Senz J, Yao B, Johnston L, Martin SD, Yang E, et al. Molecular subtyping of endometrial carcinoma cell lines uncovers subtype-specific targetable vulnerabilities. <i>npj Precis. Oncol</i> . 2025;9(1):254. doi:10.1038/s41698-025-01053-x.
	Monteiro LB, Archambault A-S, Starchuk LF, Alcazar A, Oh JH, Dubland JA, Rakić B, Patterson AE, Verchere CB, Geltink RIK. Inhibition of xanthine oxidoreductase with febuxostat, but not allopurinol, prevents inflammasome assembly and IL-1β release. <i>Life Sci. Alliance</i> . 2025;8(8):e202403191. doi:10.26508/lsa.202403191. PMID:40399065.0.
	Tuomela K, Leong ESY, Haque M, Mangat S, Fung VCW, Garcia RV, Archambault A-S, Boardman DA, Klein Geltink RI, Mojibian M, Levings MK. Lactic acid improves Treg manufacturing and in vivo function. <i>Mol. Ther. Methods Clin. Dev</i> . 2025;33(4):101600. doi:10.1016/j.omtm.2025.101600.
Granville, David James	Gao Z-H, McMillan G, Wellington C, Cote H, Nimmo M, Huntsman D, Vercauteren S, Perrone L, Granville D, Laule C. From good to great: The journey of sustained academic improvement of a university department of pathology and laboratory medicine. <i>Acad. Pathol</i> . 2025;12(1):100159. doi:10.1016/j.acpath.2025.100159.
	Hiroyasu A, Amatya B, Tsuruta D, Granville DJ, Hiroyasu S. Granzyme K contributes to acute itch in psoriasis. <i>J. Dermatol. Sci</i> . 2025;120(1):39-42. doi:10.1016/j.jdermsci.2025.08.003. PMID:40973580.0.
	Lane M, Aubert A, Prudova A, Liu F, Russo V, Jung K, Khosravi-Hafshejani T, Zhao H, Crawford RI, Phillips E, Granville DJ. Extracellular Granzyme B Mediates the Degradation of Collagen XVII in Stevens–Johnson Syndrome/Toxic Epidermal Necrolysis. <i>J. Invest. Dermatol</i> . 2025;145(9):2337-2340. doi:10.1016/j.jid.2025.02.140. PMID:40057266.0.
Guillaud, Martial	Devnath L, Arora P, Carraro A, Korbek J, Keyes M, Wang G, Guillaud M, MacAulay C. Recognizing Epithelial Cells in Prostatic Glands Using Deep Learning. <i>Cells</i> . 2025;14(10):737. doi:10.3390/cells14100737. PMID:40422240.0.
	Stojanov IJ, Liu KYP, Mccord C, Chang JY-F, Wang Y-P, Li C-C, Zhang L, Woo VL, Philipone EM, Patel PB, Magliocca KR, Leong I, et al. Consensus in Oral Epithelial Dysplasia Classification: A Comparative Analysis of H&E-stained Sections With and Without p53/p16 Immunohistochemistry. <i>Am. J. Surg. Pathol</i> . 2025;49(6):601-609. doi:10.1097/PAS.0000000000002385. PMID:40202378.0.
Hirsch-Reinshagen, Veronica	Bird JD, Hornby L, Hirsch-Reinshagen V, Allen CP, Isac G, Gooderham PA, Shemie SD, Dhanani S, Thiara S, Stukas S, Grey R, Foster DA, et al. Characterizing the physiology of circulatory arrest in humans. <i>Nat. Med</i> . 2025;31(10):3542-3552. doi:10.1038/s41591-025-03889-z. PMID:41102468.0.
	Mammel AE, Hsiung G-YR, Mousavi A, Hallett K, Mackenzie IR, Hirsch-Reinshagen V, Biehl D, Gill P, Encarnacion M, Frykman H. Clinical decision points for two plasma p-tau217 laboratory developed tests in neuropathology confirmed samples. <i>Alzheimer's Dement. Diagn. Assess. Dis. Monit</i> . 2025;17(1):e70070. doi:10.1002/dad2.70070.
	Ravasia K, Hirsch-Reinshagen V. Selective cellular and regional vulnerability in frontotemporal lobar degeneration: a scoping review. <i>Free. Neuropathol</i> . 2025;6:11. doi:10.17879/freeneuropathology-2025-5812.

	Wijesinghe P, Hosseini A, Campbell M, Tejpal S, Haynes J, Xi J, Mackenzie IR, Hirsch-Reinshagen V, Hsiung G-YR, Spiller BW, Wadzinski BE, Pham W, et al. Decoding amyloid beta clearance systems at inner blood–retina barrier using three-dimensional ex vivo retinal imaging in Alzheimer's disease. <i>Alzheimer's Dementia</i>. 2025;21(9):e70592. doi:10.1002/alz.70592. PMID:41047467.0.
Huntsman, David	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell</i>. 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0. Akbari A, Pors J, Lum A, Leung S, Cochrane D, Jamieson A, McAlpine J, Kommoss S, Huvila J, Huntsman D, Talhouk A, Singh N, et al. Papillary and ductal patterns of mesonephric-like adenocarcinomas are often overlooked: a retrospective reevaluation of over 1000 endometrial carcinomas. <i>Histopathology</i>. 2025;86(6):862-877. doi:10.1111/his.15393. PMID:39687985.0. Barnes DR, Tyrer JP, Dennis J, Leslie G, Bolla MK, Lush M, Aeilts AM, Aittomäki K, Andrieu N, Andrulis IL, Anton-Culver H, Arason A, et al. Genome-wide association study of 398,238 women unveils seven loci associated with high-grade serous ovarian cancer. <i>npj Genom. Med</i>. 2025;10(1):73. doi:10.1038/s41525-025-00529-w. Barrett-Chan E, Alomar K, Bukannan E, Cho K, Pilsworth JA, Gilks CB, Yong P, Huntsman DG, Bedaiwy M. Outcomes Post-Laparoscopic Intervention for Accessory and Cavitated Uterine Masses: A Review and a Molecular Insight. <i>Gynecol. Obstet. Invest</i>. 2025;90(5):398-408. doi:10.1159/000543762. PMID:40010330.0. Cochrane DR, Negri GL, Huvila J, Kalantari F, Farnell DA, Mohammad N, Thompson E, Yang W, Lum A, Spencer SE, Riley R, Jamieson A, et al. Proteomic analysis uncovers biological diversity in molecularly defined endometrial carcinomas. <i>Neoplasia</i>. 2025;69:101229. doi:10.1016/j.neo.2025.101229. PMID:40966993.0. EL-Naggar AM, Li Y, Turgu B, Ding Y, Wei L, Chen SY, Trigo-Gonzalez G, Kalantari F, Vallejos R, Lynch B, Senz J, Lum A, et al. Cystathionine gamma-lyase-mediated hypoxia inducible factor 1-alpha expression drives clear cell ovarian cancer progression. <i>J. Pathol</i>. 2025;266(3):352-367. doi:10.1002/path.6433. PMID:40371821.0. El-Naggar AM, Somasekharan SP, Wang Y, Cheng H, Negri GL, Pan M, Wang XQ, Delaidelli A, Rafn B, Cran J, Zhang F, Zhang H, et al. Correction to: Class I HDAC inhibitors enhance YB -1 acetylation and oxidative stress to block sarcoma metastasis (EMBO reports, (2019), 20, 12, (e48375), 10.15252/embr.201948375). <i>EMBO Rep</i>. 2025;26(12):3226-3227. doi:10.1038/s44319-025-00478-6. PMID:40442423.0. Fu Z, Borho L, Taylor SE, Kelemen LE, DeFazio A, Webb PM, Köbel M, Meagher NS, Na R, Antoniou AC, Brand AH, Kennedy CJ, et al. Ovarian cancer risk and survival according to tumor sex hormone receptor expression: An ovarian Cancer association consortium and ovarian tumor tissue analysis consortium pooled analysis. <i>Gynecol. Oncol</i>. 2025;198:112-129. doi:10.1016/j.ygyno.2025.05.013. PMID:40482607.0. Gao Z-H, McMillan G, Wellington C, Cote H, Nimmo M, Huntsman D, Vercauteren S, Perrone L, Granville D, Laule C. From good to great: The journey of sustained academic improvement of a university department of pathology and laboratory medicine. <i>Acad. Pathol</i>. 2025;12(1):100159. doi:10.1016/j.acpath.2025.100159. Gibbard E, Cochrane DR, Sowamber R, Huvila J, Nitschke AS, Greening K, Chow C, Qin Y, Mohammad N, Farnell D, Lee WS, Gilks CB, et al. Oral contraceptive use is associated with a reduction in the physical size of fallopian tube p53 signatures. <i>Int. J. Gynecol. Cancer</i>. 2025;35(2):101635. doi:10.1016/j.ijgc.2025.101635. PMID:39921960.0. Jamieson A, Huvila J, Leung S, Grube M, Neilson A, Boyd N, Chiu D, Nazeran M, Anglesio MS, Senz J, Lum A, Kommoss S, et al. Co-existent endometrial and ovarian carcinoma: molecular and pathological features define low risk entity. <i>Int. J. Gynecol. Cancer</i>. 2025;35(8):101957. doi:10.1016/j.ijgc.2025.101957. PMID:40616871.0. Jamieson A, McConechy MK, Lum A, Senz J, Dowhy T, Huntsman DG, McAlpine JN. Selective utilization of circulating tumor DNA testing enables disease monitoring in endometrial and ovarian carcinomas. <i>J. Gynecol. Oncol</i>. 2025;36(1):e5. doi:10.3802/jgo.2025.36.e5. PMID:38909641.0. Lang JD, Selleck W, Striker S, Hipschman NA, Kofman R, Karnezis AN, Kommoss FKF, Kommoss F, Wendt JR, Facista SJ, Hendricks WPD, Orlando KA, et al. Super-enhancers and efficacy of triptolide in small cell carcinoma of the ovary hypercalcemic type. <i>iScience</i>. 2025;28(2):111770. doi:10.1016/j.isci.2025.111770. Li ES, Ho R, Tao R, Choi YWY, Shin CY, Chen SY, Gokbayrak B, Senz J, Yao B, Johnston L, Martin SD, Yang E, et al. Molecular subtyping of endometrial carcinoma cell lines uncovers subtype-specific targetable vulnerabilities. <i>npj Precis. Oncol</i>. 2025;9(1):254. doi:10.1038/s41698-025-01053-x. Lukey A, Howard AF, Mei AJ, Law MR, Huntsman D, Pearce CL, Meza R, Hanley GE. Risk-reducing salpingectomy: considerations from an OBGYN perspective. <i>BMC Cancer</i>. 2025;25(1):1011. doi:10.1186/s12885-025-14384-6. PMID:40481395.0. Lukey A, Sowamber R, Huntsman D, Pearce CL, Howard AF, Meza R, Law MR, Phung MT, Hanley GE. Evaluating Ovarian Cancer Risk–Reducing Salpingectomy Acceptance: A Survey. <i>Cancer Res Commun</i>. 2025;5(1):187-194. doi:10.1158/2767-9764.CRC-24-0566. PMID:39785678.0.

	Martin SD, Thornton S, Chow C, Milne K, de Barros JS, Morris KA, Leung S, Jamieson A, Nelson BH, Cochrane DR, Huntsman DG, Gilks CB, et al. Activated immune infiltrates expand opportunities for targeted therapy in p53-abnormal endometrial carcinoma. <i>J. Pathol.</i> 2025;266(3):292-305. doi:10.1002/path.6429. PMID:40223796.0. Neilson A, Jamieson A, Chiu D, Leung S, Lum A, Kommos S, Huntsman DG, Talhouk A, Gilks CB, McAlpine JN. Serum CA125 levels in the context of ProMisE molecular classification provides pre-operative prognostic information that can direct endometrial cancer management. <i>Gynecol. Oncol.</i> 2025;193:1-11. doi:10.1016/j.ygyno.2024.12.010. PMID:39740305.0. Raupach EA, Hegde AM, Garcia-Mansfield K, Alcantara M, Rose DL, Halperin RF, Orlando KA, Lang JD, Sharma R, David-Dirgo V, Facista SJ, Moore R, et al. Loss of SMARCA4 Leads to Intron Retention and Generation of Tumor-Associated Antigens in Small Cell Carcinoma of the Ovary, Hypercalcemic Type. <i>Cancer Res.</i> 2025;85(14):2626-2642. doi:10.1158/0008-5472.CAN-24-0044. PMID:40407709.0. Shin CY, Gokbayrak B, Tao VL, Almadani N, S Li E, Ho R, Kommos FKF, Huvila J, Chiu D, Leung S, Tessier-Cloutier B, Huntsman DG, et al. Prognostic values of molecular subtypes and SWI/SNF protein expression in de-differentiated/undifferentiated endometrial carcinoma. <i>Histopathology.</i> 2025;86(7):1053-1063. doi:10.1111/his.15411. PMID:39811899.0. Talhouk A, Chiu DS, Meunier L, Rahimi K, Le Page C, Bernard M, Provencher D, Huntsman DG, Masson AMM, Köbel M. Quantifying intratumoral biomarker heterogeneity in tubo-ovarian high-grade serous carcinoma to optimize clinical translation. <i>Sci. Rep.</i> 2025;15(1):2459. doi:10.1038/s41598-024-82206-z. PMID:39828752.0. Tischer KM, Islam NS, McGree ME, Tapia AL, Hanley GE, Huntsman D, Daniel SK, D'Angelo A-LD, Kumar A, Bakkum-Gamez JN. Quantifying opportunities to reduce high grade serous ovarian cancer via opportunistic salpingectomy. <i>Gynecol. Oncol.</i> 2025;203:165-170. doi:10.1016/j.ygyno.2025.10.028. PMID:41197230.0. Tucker DR, Lee AF, Orr NL, Alotaibi FT, Noga HL, Williams C, Allaire C, Bedaiwy MA, Huntsman DG, Köbel M, Anglesio MS, Yong PJ. Somatic PTEN and ARID1A loss and endometriosis disease burden: a longitudinal study. <i>Hum. Reprod.</i> 2025;40(2):296-309. doi:10.1093/humrep/deae269. PMID:39701665.0. Zhang AW, Akbari V, Galbraith A, Kore Z, Li Y, Leung S, Ji JX, Dever K, MacIsaac J, Brewis H, Pan D, Kürten C, et al. Cross-Platform Methylation-Based Site of Origin Classification for Squamous Cell Carcinomas. <i>Mod. Pathol.</i> 2025;38(11):100878. doi:10.1016/j.modpat.2025.100878. PMID:40902853.0. Zhu X, Fu Z, Aceto G, St-Germain J, Liu K, Arabzadeh A, Qi Y, Xue Y, Witkowski L, Graulich E, Steinberger J, Misirliloglu S, et al. SMARCA4 Loss Increases RNA Polymerase II Pausing and Elevates R-Loops to Inhibit BRCA1-Mediated Repair in Ovarian Cancer. <i>Cancer Res.</i> 2025;85(16):2997-3014. doi:10.1158/0008-5472.CAN-24-3990. PMID:40366633.0.
Kalloger, Steve	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell.</i> 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0. Frese K, Patel P, Becquart P, Carruthers R, Traboulsee A, Sayao A-L, Schabas A, Moore GRW, Vavasour IM, Kalloger SE, Laule C, Quandt JA. A broad range of antiphospholipid IgM are elevated across different multiple sclerosis clinical phenotypes. <i>J. Clin. Neurosci.</i> 2025;140:111493. doi:10.1016/j.jocn.2025.111493. PMID:40763537.0. McDonald PC, Topham JT, Awrey S, Tavakoli H, Carroll R, Brown WS, Gerbec ZJ, Kalloger SE, Karasinska JM, Tang P, Goodwin R, Jones SJM, et al. Neutrophil extracellular trap gene expression signatures identify prognostic and targetable signaling axes for inhibiting pancreatic tumour metastasis. <i>Commun. Biolog.</i> 2025;8(1):1006. doi:10.1038/s42003-025-08440-x. PMID:40615661.0. Topham JT, Karasinska JM, Metcalfe A, Ali HA, Kalloger SE, Kevorkova M, Titmuss E, Negri GL, Spencer SE, Jang GH, O'Kane GM, Moore RA, et al. Multi-omics whole-genome characterization of the copy number landscape of metastatic pancreatic ductal adenocarcinoma. <i>iScience.</i> 2025;28(8):113176. doi:10.1016/j.isci.2025.113176.
Karsan, Aly	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell.</i> 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0. Gharaee N, Wegrzyn-Woltosz J, Jiang J, Akhade VS, Bridgers J, Stubbins RJ, Hiwase D, Kutyna MM, Chan O, Komrokji R, Padron E, Deng Y, et al. Haploinsufficiency of miR-143 and miR-145 reveal targetable dependencies in resistant del(5q) myelodysplastic neoplasm. <i>Leukemia.</i> 2025;39(4):917-928. doi:10.1038/s41375-025-02537-2. PMID:40000845.0. Karsan A. SRSF2-mutated MDS: bortezomib STAT? <i>Blood.</i> 2025;146(1):9-11. doi:10.1182/blood.2025029269. PMID:40608355.0.

	Krebs E, Weymann D, Ho C, Weppler A, Bosdet I, Karsan A, Hanna TP, Pollard S, Regier DA. Clinical Effectiveness and Cost-Effectiveness of Multigene Panel Sequencing in Advanced Melanoma: A Population-Level Real-World Target Trial Emulation. <i>JCO Precis. Oncol.</i> 2025;9:e2400631. doi:10.1200/PO-24-00631. PMID:39983079.0. Krishnan T, Vasconcelos JPS, Titmuss E, Vanner RJ, Schaeffer DF, Karsan A, Lim H, Ho C, Gill S, Yip S, Chia SK, Kennecke HF, et al. Clonal Hematopoiesis of Indeterminate Potential and its Association with Treatment Outcomes and Adverse Events in Patients with Solid Tumors. <i>Cancer Res Commun.</i> 2025;5(1):66-73. doi:10.1158/2767-9764.CRC-24-0522. PMID:39636207.0. Sabatini PJB, Bridgers J, Huang S, Downs G, Zhang T, Sheen C, Park N, Kridel R, Marra MA, Steidl C, Scott DW, Karsan A. Multisite clinical cross-validation and variant interpretation of a next generation sequencing panel for lymphoid cancer prognostication. <i>J. Clin. Pathol.</i> 2025;78(3):187-194. doi:10.1136/jcp-2023-209262. PMID:38182402.0. Stubbins RJ, Arnovitz S, Vagher J, Asom A, Perpich M, Pies M, Akpan IJ, Chew E, Bridgers J, Karsan A, Rodgers C, Koppay A, et al. Predisposition to hematopoietic malignancies by deleterious germline CHEK2 variants. <i>Leukemia.</i> 2025;39(7):1702-1713. doi:10.1038/s41375-025-02635-1. PMID:40335619.0.
Kizhakkedathu, Jayachandran	Abbasi U, Abbina S, Takeuchi LE, Hosseini SH, Gill A, Abraham L, Kizhakkedathu JN. Investigation on Active and Rapid Hepatobiliary Excretion of Triantennary N-Acetyl Galactosamine Conjugated Polymeric Nanoparticles. <i>Biomacromolecules.</i> 2025;26(9):6282-6296. doi:10.1021/acs.biomac.5c01319. PMID:40801103.0. Dinjoo E, Kulka MW, Malek Mohammadi Nouri P, Constantinescu I, Ji H, Gill A, Kizhakkedathu JN. A-BioHPG: A Hydrophilic Biodegradable and Hemocompatible Hyperbranched/Dendritic Polyketal Polyglycerol with Tunable Degradation. <i>Biomacromolecules.</i> 2025;26(10):7108-7124. doi:10.1021/acs.biomac.5c01458. PMID:40999753.0. Ji H, Yu K, Abbina S, Xu L, Xu T, Cheng S, Vappala S, Arefi SMA, Rana MM, Chafeeva I, Drayton M, Gonzalez K, et al. Antithrombotic coating with sheltered positive charges prevents contact activation by controlling factor XII–biointerface binding. <i>Nat. Mater.</i> 2025;24(4):626-636. doi:10.1038/s41563-024-02046-0. PMID:39533064.0. Krage C, Malek Mohammadi Nouri P, Dervede J, Kizhakkedathu JN, Hedtrich S, Haag R, Achazi K. Anti-Inflammatory Effects of Polyglycerol Sulfates and Natural Polyanions in Type 2 Inflammation. <i>Biomacromolecules.</i> 2025;26(6):3819-3829. doi:10.1021/acs.biomac.5c00420. PMID:40408775.0. Ounkaew A, Antoniuk D, Veinot JGC, Bouvier M, Constantinescu I, Tees-DeBeyer W, Hung S, Kizhakkedathu JN, Narain R. Biocompatible Water-Soluble Silicon Quantum Dots for Photodynamic Cancer Therapy. <i>ACS Appl. Nano Mat.</i> 2025;8(42):20397-20410. doi:10.1021/acsanm.5c03568. Pereyra N, Yu K, Rogalski J, Da Silva TO, Golesorkhi P, Goldstein M, Devine DV, Kizhakkedathu JN. Investigation on the Influence of Protein Corona and Platelet Adhesion on Storage Bag Surface on the Platelet Storage Lesion. <i>Adv. Healthc. Mater.</i> 2025;14(23):2501217. doi:10.1002/adhm.202501217. PMID:40548461.0. Rauova L, Bdeir K, Rux AH, Kalathottukaren MT, Oberg J, La CC, Lim DTE, Hayes V, Koma GT, Sarkar A, Poncz M, Kizhakkedathu JN, et al. Destabilization of PF4-antigenic complexes in heparin-induced thrombocytopenia. <i>Blood.</i> 2025;145(25):3030-3040. doi:10.1182/blood.2024025653. PMID:40132149.0. Suess PM, La CC, Vappala S, Kizhakkedathu JN, Morrissey JH. Platelet Polyphosphate Signals Through NFκB to Induce Myofibroblast Differentiation. <i>Biomolecules.</i> 2025;15(10):1441. doi:10.3390/biom15101441. PMID:41154670.0. Zeng J, Ma M, Tao Z, Rao Z, Wu C, Yin S, Jiang X, Chen G, Wang Z, Huang D, Zhu M, Liu L, et al. Enzyme-converted O kidneys allow ABO-incompatible transplantation without hyperacute rejection in a human decedent model. <i>Nat. Biomed. Eng.</i> 2025. doi:10.1038/s41551-025-01513-6. PMID:41044341.0.
Krajden, Mel	Jassem A, Chang Y, Tsang F, Fung J, Krajden M, Grant J, Macintyre T, Hoang L. Detection of atypical bacteria, including <i>Mycoplasma pneumoniae</i>, British Columbia, Canada, 2013–2023. <i>JAMMI.</i> 2025;10(1):73-77. doi:10.3138/jammi-2024-0018. Jeong D, Wong S, Karim ME, Manges AR, Makuza JD, Velásquez García HA, Adu PA, Binka M, Yu A, Bartlett SR, Krajden M, Janjua NZ. Direct-Acting Antivirals and Risk of Hepatitis C Extrahepatic Manifestations. <i>JAMA Netw. Open.</i> 2025;8(6):e2514631. doi:10.1001/jamanetworkopen.2025.14631. PMID:40498486.0. Jeong D, Wong S, Velásquez García HA, Adu PA, Makuza JD, Bartlett SR, Ramji A, Yoshida EM, Morrow RL, Manges AR, Karim ME, Yu A, et al. Ethnic Disparities in Extrahepatic Manifestations Among People With HCV Infection: A Population-Based Study in British Columbia. <i>Open Forum Infect. Dis.</i> 2025;12(9):ofaf543. doi:10.1093/ofid/ofaf543. Middeldorp M, Donken R, Nirmal A, Smith B, Citlali Marquez A, Bettinger JA, Brisson M, Burchell AN, Dobson SR, Dawar M, Franco EL, Grennan T, et al. Quadrivalent HPV Vaccine Evaluation Study with Addition of the Nonavalent Vaccine (QUEST-ADVANCE): protocol of an observational cohort study. <i>BMJ Open.</i> 2025;15(9):e100560. doi:10.1136/bmjopen-2025-100560. PMID:41027698.0.

	Morrow RL, Makuza JD, Jeong D, Irvine M, Sander B, Wong WWL, Sahakyan Y, Greenwald Z, Ko HH, Velásquez García HA, Bartlett SR, Wong J, et al. Impact of COVID-19 Pandemic on Testing for Hepatitis B in British Columbia, Canada: An Interrupted Time Series Analysis. <i>Open Forum Infect. Dis.</i> 2025;12(12):ofaf727. doi:10.1093/ofid/ofaf727. Márquez AC, Beitari S, Valadbeigy T, Sbihi H, Zlosnik J, Forward L, Mansour S, Nesbitt Z, Tanunliong G, Krajden M, Jassem A, Sekirov I, et al. COVID-19 serological survey utilizing antenatal serum samples in British Columbia. <i>Vaccine.</i> 2025;61:127310. doi:10.1016/j.vaccine.2025.127310. PMID:40472672.0. Tanunliong G, Condin C, Márquez AC, Li S, Binning N, Gibson M, Griffiths B, Wright A, Money D, Krajden M, Morshed M, Jassem AN, et al. SARS-CoV-2 and HCoV IgG Antibodies in the Breast Milk of a Postpartum SARS-CoV-2 Patient Following Bamlanivimab Administration: A Case Report. <i>COVID.</i> 2025;5(8):123. doi:10.3390/covid5080123. Tanunliong G, Márquez AC, Sbihi H, Pidduck T, Chang Y, Li FF, Luk D, Forward L, McClymont E, Elwood C, Krajden M, Jassem AN, et al. Serological evaluation of coronavirus IgA and IgG antibodies in a repeated cross-sectional cohort of unvaccinated and vaccinated pregnant individuals over three months following SARS-CoV-2 infection. <i>Microbiol. Spectr.</i> 2025;14(1):1-15. doi:10.1128/spectrum.02167-25. PMID:41347502.0. Wilton J, Velásquez García HA, Naveed Z, Crabtree A, Buxton JA, Wong J, Krajden M, Sbihi H, Janjua NZ. COVID-19 vaccine uptake and effectiveness among people with recent history of injection drug use in British Columbia, Canada: A retrospective analysis. <i>Vaccine.</i> 2025;61:127423. doi:10.1016/j.vaccine.2025.127423. PMID:40609262.0.
Krystal, Gerald	Driedger D, Fers-Lidou A, Schroeder M, Elisia I, Krystal G, Britton R. An Expedient Synthesis of the Antimitotic Natural Products Sarcodictyin and Eleutherobin, and Carbohydrate Analogues. <i>J. Am. Chem. Soc.</i> 2025;147(31):28117-28126. doi:10.1021/jacs.5c08176. PMID:40674682.0. Elisia I, Krystal G. Identifying the anti-cancer components in soy. <i>Plant and anim. proteins in health and dis. prev.</i> 2025;304-315. doi:10.1201/9781003597926-23. Elisia I, Yeung M, Kowalski S, Wong A, Dietrich C, Chang V, Wu S, Hollman S, Dyer R, Nguyen KN, Krystal G. Low Carbohydrate Diet Containing Soy Protein and Fish Oil Reduces AOM/DSS-Induced Colon Cancer, in Part, by an Acetate-Mediated Reduction in TH17 Cell Differentiation. <i>Mol. Nutr. Food Res.</i> 2025;69(16):e70113. doi:10.1002/mnfr.70113. PMID:40491066.0. Elisia I, Yeung M, Kowalski S, Wong A, Dietrich C, Wu S, Chang V, Adomat H, Krystal G. Saponins in soy reduce NNK-induced lung cancer by increasing plasma isoflavone levels. <i>Sci. Rep.</i> 2025;15(1):12714. doi:10.1038/s41598-025-97687-9. PMID:40223151.0.
Lam, Wan	Pewarchuk ME, Souza VGP, Cohn DE, Telkar N, Stewart GL, Bénard KH, Reis PP, Martinez VD, Robinson WP, Lam WL. Identification of oncofetal PIWI-interacting RNAs as potential prognostic biomarkers in non-small cell lung cancer. <i>Front. Genet.</i> 2025;16:1611805. doi:10.3389/fgene.2025.1611805. Souza VGP, Benard KH, Stewart GL, Enfield KSS, Lam WL. Identification of Genomic Instability-Associated LncRNAs as Potential Therapeutic Targets in Lung Adenocarcinoma. <i>Cancers.</i> 2025;17(6):996. doi:10.3390/cancers17060996. Telkar N, Hui D, Peñaherrera MS, Yuan V, Martinez VD, Stewart GL, Beristain AG, Lam WL, Robinson WP. Profiling the cell-specific small non-coding RNA transcriptome of the human placenta. <i>Sci. Rep.</i> 2025;15(1):14666. doi:10.1038/s41598-025-98939-4. PMID:40287577.0.
Lan, James	Dobrer S, Sherwood KR, Davis K, Lan JH, Gill J, Matic N, Keown PA. Impact of viral load kinetics and recurrent cytomegalovirus infection in kidney transplantation. <i>Front. Immunol.</i> 2025;16:1600289. doi:10.3389/fimmu.2025.1600289. PMID:40861454.0. Lan JH, Liwski R, Lima ACM, Tafulo S. Editorial: Novel applications of epitope biology to improve outcomes in transplantation. <i>Front. Genet.</i> 2025;16:1572987. doi:10.3389/fgene.2025.1572987. Tran JN, Lan JH. Use of molecular mismatch to guide induction therapy. <i>Curr. Opin. Organ Transplant.</i> 2025;30(6):425-436. doi:10.1097/MOT.0000000000001254. PMID:41059598.0.
Lange, Philipp	Barnabas GD, Bhat TA, Goebeler V, Leclair P, Azzam N, Melong N, Anderson C, Gom A, An S, Ergin EK, Shen Y, Conrrero A, et al. Proteomics and personalized PDX models identify treatment for a progressive malignancy within an actionable timeframe. <i>EMBO Mol. Med.</i> 2025;17(4):625-644. doi:10.1038/s44321-025-00212-8. PMID:40204966.0.
Laule, Cornelia	Ahdi A, Ensworth A, Schulz BR, MacMillan E, Mirian MS, Vahabie A-H, Laule C, Nygaard HB, Setaredan SK, McKeown MJ. Assessment of 1H-MRS spectra via multiset canonical correlation analysis and empirical mode decomposition. <i>Comput. Biol. Med.</i> 2025;187:109806. doi:10.1016/j.combiomed.2025.109806. PMID:39923591.0.

	Balaji S, Dvorak AV, Wiley N, MacMillan EL, Traboulsee A, Vavasour IM, Gilbert G, Moore GRW, Li DKB, Laule C, MacKay AL, Kolind S. Myelin water and tensor-valued diffusion imaging: (How) are they related? <i>Magn. Reson. Med.</i> 2025;94(5):2038-2056. doi:10.1002/mrm.30620. PMID:40598716.0. Balaji S, Obajtek M, Vavasour IM, Dvorak A, Gilbert G, Johnson P, Tam R, Laule C, Li DKB, Traboulsee A, MacKay A, Kolind SH. Microstructure-informed brain tissue classification using clustering of quantitative MRI measures. <i>Imaging Neurosci.</i> 2025;3:imag_a_00526. doi:10.1162/imag_a_00526. Barkhof F, Reich DS, Oh J, Rocca MA, Li DKB, Sati P, Azevedo CJ, Bagnato F, Calabresi PA, Ciccarelli O, Dwyer MG, DeLuca GC, et al. 2024 MAGNIMS–CMSC–NAIMS consensus recommendations on the use of MRI for the diagnosis of multiple sclerosis. <i>Lancet Neurol.</i> 2025;24(10):866-879. doi:10.1016/S1474-4422(25)00304-7. PMID:40975102.0. Ensworth A, Barlow L, Kozlowski P, MacMillan E, Laule C. The Goldilocks Zone for 3-T MRS Studies Using Semi-LASER: Determining the Optimal Balance Between Repetition Time and Scan Time. <i>NMR Biomed.</i> 2025;38(7):e70064. doi:10.1002/nbm.70064. PMID:40432418.0. Ensworth A, Knight C, Laule C, MacKay A, Michal C. Combining 31P-1H Cross Polarization With Magnetization Transfer: A Novel Approach for Myelin Investigation. <i>NMR Biomed.</i> 2025;38(8):e70086. doi:10.1002/nbm.70086. PMID:40566864.0. Frese K, Patel P, Becquart P, Carruthers R, Traboulsee A, Sayao A-L, Schabas A, Moore GRW, Vavasour IM, Kalloger SE, Laule C, Quandt JA. A broad range of antiphospholipid IgM are elevated across different multiple sclerosis clinical phenotypes. <i>J. Clin. Neurosci.</i> 2025;140:111493. doi:10.1016/j.jocn.2025.111493. PMID:40763537.0. Gao Z-H, McMillan G, Wellington C, Cote H, Nimmo M, Huntsman D, Vercauteren S, Perrone L, Granville D, Laule C. From good to great: The journey of sustained academic improvement of a university department of pathology and laboratory medicine. <i>Acad. Pathol.</i> 2025;12(1):100159. doi:10.1016/j.acpath.2025.100159. Joseph TS, Liu H, Kolind SH, Zhao G, Sun P, Carruthers R, Schabas A, Sayao A-L, Devonshire V, Tam R, Moore GRW, Li DKB, et al. Correlations of myelin, axon, and inflammation metrics from multi echo T2 relaxation and multi-shell diffusion imaging in multiple sclerosis and healthy controls. <i>Mult. Scler. Relat. Disord.</i> 2025;104:106696. doi:10.1016/j.msard.2025.106696. PMID:41218291.0. Labounek R, Bondy MT, Paulson AL, Bédard S, Abramovic M, Alonso-Ortiz E, Atcheson NT, Barlow LR, Barry RL, Barth M, Battiston M, Büchel C, et al. Body size and intracranial volume interact with the structure of the central nervous system: A multi-center in vivo neuroimaging study. <i>Imaging Neurosci.</i> 2025;3:imag_a_00559. doi:10.1162/imag_a_00559. Sharma S, Laule C, Patlas MN, Yong-Hing CJ. Equity in Radiology Research Is Essential for Improving Diversity and Inclusivity in Clinical Data, Reducing Bias and Increasing Artificial Intelligence Accuracy. <i>Can. Assoc. Radiol. J.</i> 2025;76(3):365-366. doi:10.1177/08465371251322365. PMID:39973012.0.
Levy, Jerrold	Dias JD, Levy JH, Tanaka KA, Zacharowski K, Hartmann J. Viscoelastic haemostatic assays to guide therapy in elective surgery: an updated systematic review and meta-analysis. <i>Anaesthesia.</i> 2025;80(1):95-103. doi:10.1111/anae.16463. PMID:39544008.0. Erdoes G, Koster A, Nagler M, Levy JH. Limitations of current risk models for perioperative bleeding and transfusion in cardiac surgery: Are new strategies needed? <i>Transfusion.</i> 2025;65(4):791-792. doi:10.1111/trf.18215. PMID:40245158.0. Fischer D, Weigand MA, Moss R, Veiras S, Kübel B, Garcia-Erce JA, Zacharowski K, Meybohm P, Waters JH, Raasveld SJ, Vlaar APJ, Richards T, et al. Incorporating the concept of overtransfusion into hemovigilance monitoring: An expert-based definition and criteria from the International HIT-OVER Forum. <i>Transfusion.</i> 2025;65(1):110-121. doi:10.1111/trf.17973. PMID:39654078.0. Godier A, Lasne D, Martin AC, Pernod G, Albaladejo P, De Maistre E, Fontana P, Lecompte T, Le Gal G, Levy JH, Mazighi M, Mullier F, et al. Management of bleeding and invasive procedures in patients treated with anti-factor XI(a) anticoagulants: proposals from the French Working Group on Perioperative Haemostasis and French Society of Thrombosis and Haemostasis. <i>Res. Pract. Thromb. Haemost.</i> 2025;9(3):102860. doi:10.1016/j.rpth.2025.102860. Gouin-Thibault I, Castellucci LA, Connors JM, Hardy M, Mansour A, Siguret V, Frere C, Levy JH, Cuker A, Lecompte T, Mullier F. Results of an international survey on the management of therapeutic intensity unfractionated heparin: communication from the SSCs of the ISTH. <i>J. Thromb. Haemost.</i> 2025;23(5):1717-1726. doi:10.1016/j.jtha.2025.02.012. PMID:39984159.0. Helms J, Frere C, Thiele T, Tanaka KA, Neal MD, Steiner ME, Connors JM, Levy JH. Corrigendum to 'Anticoagulation in adult patients supported with extracorporeal membrane oxygenation: guidance from the Scientific and Standardization Committees on Perioperative and Critical Care Haemostasis and Thrombosis of the International Society on Thrombosis and Haemostasis.' [Journal of Thrombosis and Haemostasis (2023) Volume 21, Issue 2, February 2023, Pages 373-396, (S1538783622076280), (10.1016/j.jtha.2022.11.014)]. <i>J. Thromb. Haemost.</i> 2025;23(5):1739. doi:10.1016/j.jtha.2025.02.021. PMID:40057415.0.

Iba T, Helms J, Levy JH. The role of viscoelastic tests in the diagnosis of sepsis-induced coagulopathy (SIC). <i>Ann. Intensive Care</i> . 2025;15(1):19. doi:10.1186/s13613-025-01442-2.
Iba T, Helms J, Maier CL, Ferrer R, Levy JH. Mitochondrial dysfunction is a major cause of thromboinflammation and inflammatory cell death in critical illnesses. <i>Inflamm. Res</i> . 2025;74(1):17. doi:10.1007/s00011-025-01994-w. PMID:39806233.0.
Iba T, Helms J, Nagaoka I, Ferrer R, Levy JH. Heat stress-induced mitochondrial damage and its impact on leukocyte function. <i>J. Intensive Care</i> . 2025;13(1):61. doi:10.1186/s40560-025-00832-9.
Iba T, Helms J, Nagaoka I, Kondo Y, Ferrer R, Levy JH. Sepsis and heatstroke: overlapping and distinct mechanisms of systemic inflammation. <i>Inflamm. Res</i> . 2025;74(1):173. doi:10.1007/s00011-025-02145-x. PMID:41296074.0.
Iba T, Kondo Y, Maier CL, Helms J, Ferrer R, Levy JH. Impact of hyper- and hypothermia on cellular and whole-body physiology. <i>J. Intensive Care</i> . 2025;13(1):4. doi:10.1186/s40560-024-00774-8.
Iba T, Levy JH, Maier CL, Helms J, Umemura Y, Moore H, Othman M, Thachil J, Connors JM, Levi M, Scarlatescu E. Updated definition and scoring of disseminated intravascular coagulation in 2025: communication from the ISTH SSC Subcommittee on Disseminated Intravascular Coagulation. <i>J. Thromb. Haemost</i> . 2025;23(7):2356-2362. doi:10.1016/j.jth.2025.03.038. PMID:40216223.0.
Karkouti K, Callum JL, Bartoszko J, Tanaka KA, Knaub S, Brar S, Ghadimi K, Rochon A, Mullane D, Couture EJ, Lin Y, Harle C, et al. Prothrombin Complex Concentrate vs Frozen Plasma for Coagulopathic Bleeding in Cardiac Surgery: The FARES-II Multicenter Randomized Clinical Trial. <i>JAMA</i> . 2025;333(20):1781-1792. doi:10.1001/jama.2025.3501. PMID:40156829.0.
Lessing J, Stilley K, Sharpe M, Howard A, Yang LZ, Erkanli A, Vatsaas C, Gilstrap D, Levy JH. Impact of 25% Albumin on Vasopressor Requirements in Critically Ill Patients Receiving Continuous Renal Replacement Therapy. <i>Ann. Pharmacother</i> . 2025. doi:10.1177/10600280251384651.
Levy JH, Alexander PMA, Wolberg AS, McCarty OJT, Pusateri AE, Bartz RR, Bergmeier W, Cohen MJ, Connors JM, Morrissey JH, Neal MD, Tracy ET, et al. ECMO-induced coagulopathy: strategic initiatives for research and clinical practice (a workshop report of the NHLBI). <i>Blood vessels thromb. hemost</i> . 2025;2(2):100064. doi:10.1016/j.bvth.2025.100064.
Levy JH, Shaw JR, Connors JM, Douketis J, Weitz JI. Reversal of direct oral anticoagulants: guidance from the SSC of the ISTH: reply. <i>J. Thromb. Haemost</i> . 2025;23(5):1727-1729. doi:10.1016/j.jth.2025.03.010. PMID:40118383.0.
Levy JH, Shaw JR, Ghadimi K, Maier CL, Douketis J, Karkouti K, Mazzeffi M, Spyropoulos AC, Tanaka KA, Connors JM, Sniecinski RM. Perioperative use of factor concentrates and blood products—a survey of clinical practices in the United States: communication from the ISTH Subcommittee on Perioperative and Critical Care. <i>J. Thromb. Haemost</i> . 2025;23(12):3871-3882. doi:10.1016/j.jth.2025.08.029. PMID:40939733.0.
Levy JH, Umei N, Kondo Y, Mineshima M, Iba T. Is Antithrombin Supplementation Effective in Suppressing ECMO Circuit Thrombosis in Sepsis? <i>Juntendo med. j</i> . 2025;71(5):319-326. doi:10.14789/ejmm.JMJ25-0027-R.
Mazzeffi M, Levy JH. Protamine Dosing in Cardiac Surgery: Can One Size Fit All? <i>Anesthesiology</i> . 2025;142(1):9-11. doi:10.1097/ALN.0000000000005237. PMID:39655986.0.
Mazzeffi M, Tanaka KA, Gurbel PA, Tantry US, Levy JH. Platelet P2Y12 Receptor Inhibition and Perioperative Patient Management. <i>Anesthesiology</i> . 2025;142(1):202-216. doi:10.1097/ALN.0000000000005148. PMID:39392789.0.
Mazzeffi M, Tanaka KA, Levy JH. Thrombin, tissue factor pathway inhibitor, and von Willebrand factor: unmasking the coagulopathy of veno-venous extracorporeal membrane oxygenation. <i>J. Thromb. Haemost</i> . 2025;23(12):3798-3801. doi:10.1016/j.jth.2025.09.001. PMID:41260736.0.
Mora L, Maegle M, Grottke O, Koster A, Stein P, Levy JH, Erdoes G. Four-factor Prothrombin Complex Concentrate Use for Bleeding Management in Adult Trauma. <i>Anesthesiology</i> . 2025;142(2):351-363. doi:10.1097/ALN.0000000000005230. PMID:39476104.0.
Saugel B, Hapfelmeier A, Flick M, Rinehart J, Thiele RH, Vistisen ST, Bartels K, Cannesson M, Cecconi M, Chew MS, De Backer D, Joosten A, et al. Statistical Analysis and Reporting of Cardiac Output Method Comparison Studies (COMPARE) Statement. <i>Anesthesiology</i> . 2025;143(3):518-532. doi:10.1097/ALN.0000000000005559. PMID:40793805.0.
Scarlatescu E, Levy JH, Moore H, Thachil J, Iba T, Roberts LN, Lisman T. Disseminated intravascular coagulation and cirrhotic coagulopathy: overlap and differences. The current state of knowledge. Communication from the SSC of the ISTH. <i>J. Thromb. Haemost</i> . 2025;23(3):1085-1106. doi:10.1016/j.jth.2024.11.019. PMID:39662873.0.
Scarlatescu E, Maier CL, Levy JH, Iba T. Disseminated Intravascular Coagulation and Advances in D-Dimer Testing. <i>Clin. Lab. Med</i> . 2025;45(4):613-624. doi:10.1016/j.cl.2025.07.004. PMID:41161979.0.

	Shaw JR, Levy JH. Emergent cardiac surgery, andexanet alfa–induced heparin resistance, and prothrombotic effects: coagulation chaos? <i>J. Thromb. Haemost.</i> 2025;23(5):1469-1472. doi:10.1016/j.jtha.2025.02.024. PMID:40306815.0. Shaw JR, Li N, Grussé M, Van Dreden P, St John M, Nixon J, Spyropoulos AC, Schulman S, Levy JH, Carrier M, Douketis JD. Influence of Direct Oral Anticoagulant Levels and Thrombin Generation on Postoperative Bleeding [SONAR]: A Nested Case-Control Study. <i>Thromb. Haemost.</i> 2025;125(12):1226-1239. doi:10.1055/a-2521-0923. PMID:39837561.0. Tanaka KA, Stewart KE, Levy JH. Thrombin Generation Assay in Pediatric Cardiac Surgery: A Prediction Tool or Not Ready for Prime Time? <i>Anesthesiology.</i> 2025;143(1):15-17. doi:10.1097/ALN.0000000000005522. PMID:40492796.0. Tanigawa T, Iba T, Maier CL, Scarlatescu E, Kondo Y, Wada H, Levy JH. Factors influencing antithrombin activity following supplementation in sepsis-associated disseminated intravascular coagulation. <i>Thromb. J.</i> 2025;23(1):90. doi:10.1186/s12959-025-00779-9. Umemura Y, Scarlatescu E, Nwagha TU, Levy JH, Othman M, Moore H, O'Reilly D, Helms J, Iba T. Mortality, diagnosis, and etiology of disseminated intravascular coagulation—a systematic review and meta-analysis: communication from the ISTH SSC subcommittee on disseminated intravascular coagulation. <i>J. Thromb. Haemost.</i> 2025;23(8):2663-2679. doi:10.1016/j.jtha.2025.04.033. PMID:40383152.0. Wu AHB, Levy JH, Peacock WF, Rimawi R, Sanchez Luna M, Farnsworth C, Stiegler H, Christenson RH. Handling Hemolytic Blood Samples from High-Risk Clinical Areas: A Call to Action. <i>J. Lab. Med.</i> 2025;10(5):1347-1361. doi:10.1093/jalm/jfaf082. PMID:40709795.0.
Lockwood, William Wallace	Febres-Aldana CA, Vojnic M, Odintsov I, Zhang T, Cheng R, Beach CZ, Lu D, Mattar MS, Gazzo AM, Gili L, Harshan M, Ameri A, et al. Pan-Cancer Analysis of Oncogenic MET Fusions Reveals Distinct Pathogenomic Subsets with Differential Sensitivity to MET-Targeted Therapy. <i>Cancer Discov.</i> 2025;15(6):1141-1158. doi:10.1158/2159-8290.CD-24-0417. PMID:39965191.0. Mascaux C, Sen T, Sanchez-Céspedes M, Ortiz-Cuaran S, Bossé Y, Dammeijer F, Cavic M, Barr MP, Arulananda S, Armisen R, Berger AH, Bianchi F, et al. Advances in Lung Cancer Basic and Translational Research in 2025 – Overview and Perspectives Focusing on NSCLC. <i>J. Thorac. Oncol.</i> 2025;20(10):1369-1391. doi:10.1016/j.jtho.2025.05.024. PMID:40473107.0. Okun SA, Lu D, Sew K, Subramaniam A, Lockwood WW. MET Activation in Lung Cancer and Response to Targeted Therapies. <i>Cancers.</i> 2025;17(2):281. doi:10.3390/cancers17020281. Shi R, Farnsworth DA, Febres-Aldana CA, Chow JLM, Sheena R, Atwal T, Gomez Marti JL, Li S, Thomas KN, Lee C-M, Awrey SJ, McDonald PC, et al. Drug tolerance and persistence to EGFR inhibitor treatment are mediated by an ILK-SFK-YAP signaling axis in lung adenocarcinoma. <i>Oncogene.</i> 2025;44(32):2831-2849. doi:10.1038/s41388-025-03461-6. PMID:40450112.0. Wang P, Hughesman C, Yip S, Lockwood WW, Sun S. Brief Report: Real-World Treatment Patterns and Clinical Outcomes for Patients With Advanced ALK-Rearranged NSCLC in British Columbia. <i>JTO. Clin. Res. Rep.</i> 2025;6(4):100697. doi:10.1016/j.jtocrr.2024.100697.
Luo, Honglin	Bahreyni A, Mohamud Y, Singh A, Banijamali RS, Tang J, Zhang J, Luo H. Developing a Personalized Cancer Nanovaccine Using Coxsackievirus-Reprogrammed Cancer Cell Membranes for Enhanced Anti-Tumor Immunity. <i>Adv. Sci.</i> 2025;12(40):e06791. doi:10.1002/advs.202506791. PMID:40729737.0. Mohamud Y, Bahreyni A, Hwang SW, Lin JC, Wang ZC, Zhang J, Luo H. Mitochondrial injury and complement dysregulation are drivers of pathological inflammation in viral myocarditis. <i>J. Virol.</i> 2025;99(2). doi:10.1128/jvi.01804-24. PMID:39846741.0. Mohamud Y, Lin JC, Hwang SW, Bahreyni A, Luo H. Cellular protein quality control in viral myocarditis: molecular mechanisms and therapeutic implication. <i>Microbiol Mol Biol Rev.</i> 2025;89(3):e0017725. doi:10.1128/mmbr.00177-25. PMID:40833122.0.
Mackenzie, Ian	Alidadiani S, Faura J, Wynants S, Peeters N, Van den Broeck M, De Witte L, Policarpo R, Cheung S, Pottier C, Ghayal NB, Mol MO, van Blitterswijk M, et al. Brain transcriptomics highlight abundant gene expression and splicing alterations in non-neuronal cells in aFTLD-U. <i>Acta Neuropathol.</i> 2025;150(1):17. doi:10.1007/s00401-025-02919-x. PMID:40783910.0. Flagan TM, Chu SA, Häkkinen S, Zhang L, McFall D, Rohrer JD, Brown JA, Lee AJ, Fernhoff K, Pasquini L, Rankin KP, Mandelli ML, et al. Functional Connectivity Associations With Markers of Disease Progression in GRN Pathogenic Variant Carriers. <i>Ann. Clin. Transl. Neurol.</i> 2025;12(12):2575-2588. doi:10.1002/acn3.70170. PMID:40958169.0. Kaplan JM, Gibbs E, Coutts JA, Zhao B, Mackenzie IR, Plotkin SS, Cashman NR. Relationship between efficacy and preferential targeting of soluble Aβ aggregates. <i>Alzheimers Dement. Transl. Res. Clin. Interv.</i> 2025;11(4):e70184. doi:10.1002/trc2.70184.

	Lee H, Chatterjee A, Mackenzie IRA, Scott I, Beg MF, Popuri K, Wittenberg D, Rademakers R, Hsiung G-YR. Longitudinal behavioral and neuropsychiatric changes and their MRI correlates in predementia C9orf72 and GRN mutation carriers. <i>J. Alzheimer's Dis.</i> 2025;106(3):928-942. doi:10.1177/13872877251350684. PMID:40534487.0. Liu X, de Boer SCM, Cortez K, Poos JM, Illán-Gala I, Heuer H, Forsberg LK, Casaletto K, Memel M, Appleby BS, Barmada S, Bozoki A, et al. Sex differences in clinical phenotypes of behavioral variant frontotemporal dementia. <i>Alzheimer's Dementia.</i> 2025;21(4):e14608. doi:10.1002/alz.14608. PMID:40277074.0. Memel M, Staffaroni AM, Ilan-Gala I, Castro JG, Kornak J, Tartaglia CM, Saloner R, VandeBunte AM, Paolillo EW, Cadwallader CJ, Chen C, Gorno-Tempini ML, et al. Sex differences in the clinical manifestation of autosomal dominant frontotemporal dementia. <i>Alzheimer's Dementia.</i> 2025;21(4):e14630. doi:10.1002/alz.14630. PMID:40277077.0. Neumann M, Van den Broeck M, Wynants S, Cheung S, Prudlo J, Hermann A, Synofzik M, Briemberg H, Hsiung G-YR, Rademakers R, Mackenzie IRA. A new FTLD-TDP subtype with annexin A11 co-pathology. <i>Acta Neuropathol.</i> 2025;150(1):58. doi:10.1007/s00401-025-02962-8. PMID:41315102.0. Pottier C, Küçükali F, Baker M, Batzler A, Jenkins GD, van Blitterswijk M, Vicente CT, De Coster W, Wynants S, Van de Walle P, Ross OA, Murray ME, et al. Deciphering distinct genetic risk factors for FTLD-TDP pathological subtypes via whole-genome sequencing. <i>Nat. Commun.</i> 2025;16(1):3914. doi:10.1038/s41467-025-59216-0. PMID:40280976.0. Wijesinghe P, Hosseini A, Campbell M, Tejpal S, Haynes J, Xi J, Mackenzie IR, Hirsch-Reinshagen V, Hsiung G-YR, Spiller BW, Wadzinski BE, Pham W, et al. Decoding amyloid beta clearance systems at inner blood–retina barrier using three-dimensional ex vivo retinal imaging in Alzheimer's disease. <i>Alzheimer's Dementia.</i> 2025;21(9):e70592. doi:10.1002/alz.70592. PMID:41047467.0.
Mohamud, Yasir	Bahreyni A, Mohamud Y, Singh A, Banijamali RS, Tang J, Zhang J, Luo H. Developing a Personalized Cancer Nanovaccine Using Coxsackievirus-Reprogrammed Cancer Cell Membranes for Enhanced Anti-Tumor Immunity. <i>Adv. Sci.</i> 2025;12(40):e06791. doi:10.1002/advs.202506791. PMID:40729737.0. Mohamud Y, Bahreyni A, Hwang SW, Lin JC, Wang ZC, Zhang J, Luo H. Mitochondrial injury and complement dysregulation are drivers of pathological inflammation in viral myocarditis. <i>J. Virol.</i> 2025;99(2). doi:10.1128/jvi.01804-24. PMID:39846741.0. Mohamud Y, Lin JC, Hwang SW, Bahreyni A, Luo H. Cellular protein quality control in viral myocarditis: molecular mechanisms and therapeutic implication. <i>Microbiol Mol Biol Rev.</i> 2025;89(3):e0017725. doi:10.1128/mmbr.00177-25. PMID:40833122.0.
Morin, Ryan	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell.</i> 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0. Collinge B, Hilton LK, Wong J, Alduaij W, Ben-Neriah S, Slack GW, Farinha P, Boyle M, Meissner B, Cook JR, Ott G, Rosenwald A, et al. High-grade B-cell lymphoma, not otherwise specified: an LLMP study. <i>Blood Adv.</i> 2025;9(21):5409-5422. doi:10.1182/bloodadvances.2025016651. PMID:40674706.0. Coyle KM, Dreval K, Hodson DJ, Morin RD. Audit of B-cell cancer genes. <i>Blood Adv.</i> 2025;9(8):2019-2031. doi:10.1182/bloodadvances.2022009461. PMID:39853274.0. Nadeu F, Shuai S, Clot G, Hilton LK, Diaz-Navarro A, Martín S, Royo R, Baumann T, Kulis M, López-Oreja I, Cossio M, Lu J, et al. Disease-specific U1 spliceosomal RNA mutations in mature B-cell neoplasms. <i>Leukemia.</i> 2025;39(9):2076-2086. doi:10.1038/s41375-025-02667-7. PMID:40588565.0. Rai S, Duns G, Frontzek F, Wong JCH, Yin Y, Li MY, Kishida M, Fujisawa M, Healy S, Viganò E, Jiang A, Woolcock B, et al. Somatic IRF4 mutations and thymic tropism in primary mediastinal large B-cell lymphoma. <i>Blood.</i> 2025;146(13):1586-1600. doi:10.1182/blood.2025028412. PMID:40540746.0. Sahasrabuddhe AA, Chen X, Ma K, Wu R, Liang H-C, Kapoor R, Chhipa RR, Onder O, McFetridge C, Van Arnam JS, Zhang X, Morrisette JJD, et al. The FBXO45–GEF-H1 Axis Controls Germinal Center Formation and B-cell Lymphomagenesis. <i>Cancer Discov.</i> 2025;15(4):838-861. doi:10.1158/2159-8290.CD-24-0442. PMID:39820335.0. Sharma S, Ali R, Bouska A, Jochum D, Kesireddy M, Mahov S, Lownik J, Zhang W, Lone W, Soma MA, Gamboa A, Devarakonda V, et al. Functional genomics and tumor microenvironment analysis reveal prognostic biological subtypes in Mantle cell lymphoma. <i>Nat. Commun.</i> 2025;16(1):9762. doi:10.1038/s41467-025-64666-7. PMID:41193463.0. Tatterton DJ, Newby ML, Allen JD, Sale B, Chiodin G, Duriez PJ, Butler J, McCann KJ, Scott DW, Morin RD, Dreval K, Davies AJ, et al. The origin, diagnosis, and prognosis of oligomannose-type diffuse large B-cell lymphoma. <i>Blood.</i> 2025;146(23):2808-2820. doi:10.1182/blood.2025029163. PMID:40896832.0.

	Thomas N, García-Prieto CA, Dreval K, Hilton LK, Abramson JS, Bartlett NL, Bethony J, Bowen J, Bryan AC, Casper C, Dyer MA, Gastier-Foster JM, et al. DNA Methylation Epitypes of Burkitt Lymphoma with Distinct Molecular and Clinical Features. <i>Blood Cancer Discov.</i> 2025;6(4):325-342. doi:10.1158/2643-3230.BCD-24-0240. PMID:40338627.0. Yamaguchi K, Koya J, Mizuno K, Mizukami Y, Yoshifuji K, Saito Y, Tabata M, Shingaki S, Yuasa M, Ito Y, Nakashima K, Dreval K, et al. In vivo CRISPR screening reveals cooperation of KMT2D and TP53 deficiencies in B-cell lymphomagenesis. <i>Blood Adv.</i> 2025;9(19):5040-5055. doi:10.1182/bloodadvances.2024015519. PMID:40674704.0.
Nielsen, Torsten	Gupta AA, Tinker A, Jonker D, Jamal R, Hirte H, Winquist EW, Chu Q, Kollmannsberger C, Wong R, Alcindor T, Nielsen TO, Tsao M, et al. Durvalumab and tremelimumab in patients with advanced rare cancer: a multi-centre, non-blinded, open-label phase II basket trial. <i>eClinicalMedicine.</i> 2025;79:102991. doi:10.1016/j.eclinm.2024.102991. Hasegawa N, Benabdallah NS, Smith-Fry K, Li L, McCollum S, Li J, Jones CA, Wagner L, Dalal V, Golde V, Pejkovska A, Carroll L, et al. DNA demethylating agents suppress preclinical models of synovial sarcoma. <i>J. Clin. Invest.</i> 2025;135(13):e190855. doi:10.1172/JCI190855. PMID:40299558.0. Hill LA, Scott RW, Martin LA, Arostegui M, Davenport G, Vernon M, Hofvander J, Wang XQ, Li J, Nielsen TO, Jones KB, Hirst M, et al. The fibroblast epigenome underlies SS18::SSX-mediated transformation in synovial sarcoma. <i>Nat. Commun.</i> 2025;16(1):10830. doi:10.1038/s41467-025-65850-5. PMID:41330912.0. Jensen M-B, Nielsen TO, Bartlett J, Lænkholm A-V, Shepherd L, Ejlersen B. Prosigna Risk of Recurrence score and intrinsic subtypes are associated with adjuvant anthracycline chemotherapy benefit in high-risk breast cancer. <i>NPJ Breast Cancer.</i> 2025;11(1):26. doi:10.1038/s41523-025-00738-7. Raquist AR, Nielsen TO. Chromobox 4 (CBX4) Is a Novel Interactor of SS18::SSX in Synovial Sarcoma. <i>Lab. Invest.</i> 2025;105(12):104243. doi:10.1016/j.labinv.2025.104243. PMID:40992545.0. Riaz N, Chen BE, Bane A, Gao D, Stovgaard ES, Kos Z, Leung SC, Shenasa E, Parulekar W, Chambers S, Nielsen TO, Whelan TJ. Prognostic and predictive capacity of tumor infiltrating lymphocytes in the MA.20 regional node radiotherapy trial. <i>NPJ Breast Cancer.</i> 2025;11(1):97. doi:10.1038/s41523-025-00821-z. Shenasa E, He Y, Wang Z, Tu D, Gao D, Kos Z, Thornton S, Nielsen TO. Digital Profiling of Immune Biomarkers in Breast Cancer: Relation to Anthracycline Benefit. <i>Mod. Pathol.</i> 2025;38(5):100718. doi:10.1016/j.modpat.2025.100718. PMID:39863112.0. Shenasa E, Thornton S, Gao D, Kommos FKF, Nielsen TO. Immune Biomarkers on Tissue Microarray Cores Support the Presence of Adjacent Tertiary Lymphoid Structures in Soft Tissue Sarcoma. <i>Lab. Invest.</i> 2025;105(3):104091. doi:10.1016/j.labinv.2025.104091. PMID:39800049.0. Wang AX, Jones KB, Nielsen TO. Molecular and epigenetic oncogenesis in synovial sarcoma: implications for cancer biology, diagnosis and treatment. <i>Oncogene.</i> 2025;44(38):3527-3536. doi:10.1038/s41388-025-03547-1. PMID:40849585.0.
Park, Yongjin	Boix CA, James BT, Park YP, Meuleman W, Kellis M. Author Correction: Regulatory genomic circuitry of human disease loci by integrative epigenomics (Nature, (2021), 590, 7845, (300-307), 10.1038/s41586-020-03145-z). <i>Nature.</i> 2025;643(8071):E11. doi:10.1038/s41586-025-09134-4. PMID:40542162.0. Kim Y, Saville L, O'Neill K, Garant J-M, Liu Y, Haile-Merhu S, Ghashghaei M, Hoang QA, Louwagie A, Park YP, Jones SJM, Vu LP. Nanopore direct RNA sequencing of human transcriptomes reveals the complexity of mRNA modifications and crosstalk between regulatory features. <i>Cell Genom.</i> 2025;5(6):100872. doi:10.1016/j.xgen.2025.100872. Lam K, Daniels W, Douglas JM, Lai D, Aparicio S, Bloem-Reddy B, Park Y. CN-SBM: Categorical Block Modelling For Primary and Residual Copy Number Variation. <i>Proc. Mach. Learn. Res.</i> 2025;311.
Perrone, Lucy	Buchta C, De la Salle B, Marrington R, Albarède S, Badrick T, Bicker W, Bietenbeck A, Bullock D, Delatour V, Dequeker E, Flasch M, Geilenkeuser W-J, et al. Behind the scenes of EQA—characteristics, capabilities, benefits and assets of external quality assessment (EQA) Part IV – Benefits for participant laboratories. <i>Clin. Chem. Lab. Med.</i> 2025;63(5):879-897. doi:10.1515/cclm-2024-1292. PMID:39754494.0. Buchta C, De la Salle B, Marrington R, Almonacid AA, Albarède S, Badrick T, Bullock D, Cobbaert CM, Coucke W, Delatour V, Faria AP, Geilenkeuser W-J, et al. Behind the scenes of EQA – characteristics, capabilities, benefits and assets of external quality assessment (EQA) Part V – Benefits for stakeholders other than participants. <i>Clin. Chem. Lab. Med.</i> 2025;63(5):898-915. doi:10.1515/cclm-2024-1293. PMID:39753240.0. Buchta C, Marrington R, De la Salle B, Albarède S, Albe X, Badrick T, Berghäll H, Bullock D, Cobbaert CM, Coucke W, Delatour V, Geilenkeuser W-J, et al. Behind the scenes of EQA – characteristics, capabilities, benefits and assets of external quality assessment (EQA) Part III – EQA samples. <i>Clin. Chem. Lab. Med.</i> 2025;63(5):868-878. doi:10.1515/cclm-2024-1291. PMID:39753204.0.

	Buchta C, Marrington R, De la Salle B, Albarède S, Badrick T, Berghäll H, Bullock D, Coucke W, Delatour V, Geilenkeuser W-J, Griesmacher A, Henriksen GM, et al. Behind the scenes of EQA – characteristics, capabilities, benefits and assets of external quality assessment (EQA) Part II – EQA cycles. Clin. Chem. Lab. Med. 2025;63(5):859-867. doi:10.1515/cclm-2024-1290. PMID:39753241.0. Buchta C, Marrington R, De la Salle B, Albarède S, Badrick T, Bietenbeck A, Bullock D, Cadamuro J, Delatour V, Dusinovic E, Geilenkeuser W-J, Gidske G, et al. Behind the scenes of EQA – characteristics, capabilities, benefits and assets of external quality assessment (EQA) Part I – EQA in general and EQA programs in particular. Clin. Chem. Lab. Med. 2025;63(5):844-858. doi:10.1515/cclm-2024-1289. PMID:39753377.0. Gao Z-H, McMillan G, Wellington C, Cote H, Nimmo M, Huntsman D, Vercauteren S, Perrone L, Granville D, Laule C. From good to great: The journey of sustained academic improvement of a university department of pathology and laboratory medicine. Acad. Pathol. 2025;12(1):100159. doi:10.1016/j.acpath.2025.100159.
Quandt, Jacqueline	Frese K, Patel P, Becquart P, Carruthers R, Traboulee A, Sayao A-L, Schabas A, Moore GRW, Vavasour IM, Kalloger SE, Laule C, Quandt JA. A broad range of antiphospholipid IgM are elevated across different multiple sclerosis clinical phenotypes. J. Clin. Neurosci. 2025;140:111493. doi:10.1016/j.jocn.2025.111493. PMID:40763537.0.
Roth, Andrew	Hurtado E, Bouchard-Côté A, Roth A. PhyClone: accurate Bayesian reconstruction of cancer phylogenies from bulk sequencing. Bioinformatics. 2025;41(7):btaf344. doi:10.1093/bioinformatics/btaf344. PMID:40511985.0. Parker PA, Banerjee SC, Alici Y, Nelson CJ, Alexander K, Schofield E, Fasakin FS, Coyle N, Roth AJ, Manna R, Gonzalez J, Ewert R, et al. Training Health Care Practitioners to Effectively Communicate With Older Adults With Cancer and Their Caregivers. JCO. Oncol. Pract. 2025;4:OP-25-00546. doi:10.1200/OP-25-00546. PMID:40971772.0. Trinh L, Parks J, McDonald T, Roth A, Shen-Tu G, Vena J, Murphy RA, Bhatti P. Pre-diagnostic serum metabolome and breast cancer risk: a nested case-control study. Breast Cancer Res. 2025;27(1):156. doi:10.1186/s13058-025-02102-w. PMID:40867009.0. Wiener L, Marcus J, Rasmussen C, Loscalzo M, Rosa WE, Roth A. Saying the Final Goodbye: When Some Say Goodbye, We Say Hello. Psycho-Oncology. 2025;34(7):e70178. doi:10.1002/pon.70178. PMID:40675785.0.
Schaeffer, David	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. Cancer Cell. 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0. Abuhussein O, Hosseini-Farahabadi S, Stewart C, Flibotte S, Heravi-Moussavi A, Farnell D, Schaeffer D, Donnellan F, McKeon F, Xian W, Kelleher D, Duggan SP. A Reflux Linked GATA Factor Fulcrum Dictates Lineage Commitment Through GPRC5B During the Esophageal Dysplastic Transition. Cell. Mol. Gastroenterol. Hepatol. 2025;19(10):101552. doi:10.1016/j.jcmgh.2025.101552. PMID:40490196.0. Cheng PTM, Topham JT, Aldeheshi A, Taylor GA, Pleasance E, McConechy MK, Nelson JMT, Schaeffer DF, Jones SJM, Marra MA, Laskin J, Renouf DJ. Whole-genome analysis of an aggressive metastatic pancreatic solid pseudopapillary neoplasm. npj Precis. Oncol. 2025;9(1):59. doi:10.1038/s41698-025-00843-7. Farooq AR, Zhang AX, Chan-Seng-Yue M, Topham JT, O'Kane GM, Jang GH, Fischer S, Dodd A, Holter S, Wilson J, Grant RC, Aung KL, et al. The tandem duplicator phenotype may be a novel targetable subgroup in pancreatic cancer. npj Precis. Oncol. 2025;9(1):100. doi:10.1038/s41698-025-00888-8. Hadjifaradji A, Diaz-Stewart M, Chu J, Farnell D, Schaeffer D, Farahani H, Bashashati A, Loree JM. A Deep Learning Framework for Classification of Neuroendocrine Neoplasm Whole Slide Images. Cancers. 2025;17(18):2991. doi:10.3390/cancers17182991. Krishnan T, Vasconcelos JPS, Titmuss E, Vanner RJ, Schaeffer DF, Karsan A, Lim H, Ho C, Gill S, Yip S, Chia SK, Kennecke HF, et al. Clonal Hematopoiesis of Indeterminate Potential and its Association with Treatment Outcomes and Adverse Events in Patients with Solid Tumors. Cancer Res Commun. 2025;5(1):66-73. doi:10.1158/2767-9764.CRC-24-0522. PMID:39636207.0. McDonald PC, Topham JT, Awrey S, Tavakoli H, Carroll R, Brown WS, Gerbec ZJ, Kalloger SE, Karasinska JM, Tang P, Goodwin R, Jones SJM, et al. Neutrophil extracellular trap gene expression signatures identify prognostic and targetable signaling axes for inhibiting pancreatic tumour metastasis. Commun. Biol. 2025;8(1):1006. doi:10.1038/s42003-025-08440-x. PMID:40615661.0. Punnen S, Csizmok V, Frey C, Gilbert R, Schaeffer DF, Yip S, Marra MA, Laskin J, Bleszynski M, Owen DR. Non-Metastatic Pure Pancreatic Hepatoid Carcinoma with Genomic and Transcriptomic Analysis: A Case Report. Case Rep. Oncol. 2025;18(1):420-428. doi:10.1159/000544747.

	Schonhofer C, Lo CK-F, Owen DR, Aldhaferi K, Matic N, Lowe CF, Schaeffer DF, Belga S, Wright A. Utility of cytomegalovirus (CMV) qualitative polymerase chain reaction from gastrointestinal biopsies in diagnosis of CMV gastrointestinal disease: A 10-year retrospective study. <i>J. Clin. Virol.</i> 2025;181:105879. doi:10.1016/j.jcv.2025.105879. PMID:41086543.0. Shaffer SR, Chu J, Algarni A, Nugent Z, Schaeffer DF, Bernstein CN. Medication Withdrawal With Normal or Near-normal Histology in Ulcerative Colitis is Associated With Clinical Relapse. <i>J. Clin. Gastroenterol.</i> 2025;59(10):1018-1023. doi:10.1097/MCG.0000000000002120. PMID:39761164.0. Shen C, Cui T, Yang L, Gui L, Corrales-Guerrero S, Nair S, Li H, Karasinska JM, Topham JT, Renouf DJ, Schaeffer DF, Fernandez A, et al. KRAS-induced STN1 (OBFC1) promotes proper CTC1–STN1–TEN1 complex-independent DNA double-strand break repair and cell cycle checkpoint maintenance in pancreatic cancer. <i>Nucleic Acids Res.</i> 2025;53(18):gkaf983. doi:10.1093/nar/gkaf983. PMID:41036624.0. Stokes NL, Patil A, Adeyi O, Bhalla A, Brown I, Byrnes K, Calderaro J, Chen D, Chen W, Cooper C, Dhall D, Frankel W, et al. Validation of Metallothionein Immunohistochemistry as a Highly Sensitive Screening Test for Wilson Disease. <i>Mod. Pathol.</i> 2025;38(1):100628. doi:10.1016/j.modpat.2024.100628. PMID:39384020.0. Topham JT, Karasinska JM, Metcalfe A, Ali HA, Kalloger SE, Kevorkova M, Titmuss E, Negri GL, Spencer SE, Jang GH, O’Kane GM, Moore RA, et al. Multi-omics whole-genome characterization of the copy number landscape of metastatic pancreatic ductal adenocarcinoma. <i>iScience.</i> 2025;28(8):113176. doi:10.1016/j.isci.2025.113176. Wee K, Yang KC, Schaeffer DF, Zhou C, Leung E, Feng X, Laskin J, Marra MA, Loree JM, Gorski SM. Genomic and transcriptomic landscapes of metastatic neuroendocrine neoplasms from distinct primary sites and their clinical implications. <i>Sci. Rep.</i> 2025;15(1):15770. doi:10.1038/s41598-025-00549-7. PMID:40328872.0.
Seccombe, David	Bohn MK, Nyholt D, Balion C, Cembrowski G, Collier C, Guire VD, Higgins V, Jung B, Landon O, Mohammed-Ali Z, Seccombe D, Taher J, et al. Best practice guidelines on reference interval harmonization in Canada: Evidence-based recommendations from the CSCC working group on reference interval harmonization (CSCC WG-hRI). <i>Clin. Biochem.</i> 2025;139:110986. doi:10.1016/j.clinbiochem.2025.110986. PMID:40763882.0.
Sorensen, Poul	Berger HR, Maharana M, Mirabal J, Kurenbekova L, Delaidelli A, Dasgupta A, Gad AZ, Sheha MF, Kerr SS, Ozcan AI, Morris JS, Major AM, et al. Endoglin-Directed CAR T Cells Comprehensively Target Tumors in Advanced Sarcomas. <i>Cancer Immunol. Res.</i> 2025;13(10):1591-1608. doi:10.1158/2326-6066.CIR-24-0897. PMID:40748238.0. Delaidelli A, Burwag F, Ben-Neriah S, Suk Y, Shyp T, Kosteniuk S, Dunham C, Cheng S, Okonechnikov K, Schrimpf D, Von Deimling A, Ellezam B, et al. High-resolution proteomic analysis of medulloblastoma clinical samples identifies therapy-resistant subgroups and MYC immunohistochemistry as a powerful outcome predictor. <i>Neuro-Oncology.</i> 2025;27(9):2431-2444. doi:10.1093/neuonc/noaf046. PMID:40040502.0. EL-Naggar AM, Li Y, Turgu B, Ding Y, Wei L, Chen SY, Trigo-Gonzalez G, Kalantari F, Vallejos R, Lynch B, Senz J, Lum A, et al. Cystathionine gamma-lyase-mediated hypoxia inducible factor 1-alpha expression drives clear cell ovarian cancer progression. <i>J. Pathol.</i> 2025;266(3):352-367. doi:10.1002/path.6433. PMID:40371821.0. El-Naggar AM, Somasekharan SP, Wang Y, Cheng H, Negri GL, Pan M, Wang XQ, Delaidelli A, Rafn B, Cran J, Zhang F, Zhang H, et al. Correction to: Class I HDAC inhibitors enhance YB -1 acetylation and oxidative stress to block sarcoma metastasis (EMBO reports, (2019), 20, 12, (e48375), 10.15252/embr.201948375). <i>EMBO Rep.</i> 2025;26(12):3226-3227. doi:10.1038/s44319-025-00478-6. PMID:40442423.0. Ferrario C, Mackey J, Gelmon KA, Levasseur N, Sorensen PH, Oo HZ, Negri GL, Tse VWL, Spencer SE, Cheng G, Morin GB, del Rincon S, et al. Phase Ib Pharmacodynamic Study of the MNK Inhibitor Tomivosertib (eFT508) Combined With Paclitaxel in Patients With Refractory Metastatic Breast Cancer. <i>Clin. Cancer Res.</i> 2025;31(3):491-502. doi:10.1158/1078-0432.CCR-24-0841. PMID:39576211.0. Hamilton AK, Mooney B, Glisovic-Aplenc T, Radaoui AB, Conkrite KL, De Jong C, Sidoli S, Sorensen PH, Garcia BA, Aplenc R, Maris JM, Morin GB, et al. Protocol for plasma membrane enrichment by ultracentrifugation for mass spectrometry of cell lines, xenografts, and patient tumors. <i>STAR. Protoc.</i> 2025;6(3):104049. doi:10.1016/j.xpro.2025.104049. PMID:40884789.0. Hruby L, Schaal K, Delaidelli A, Picard D, Dunham C, Lewandowska O, Reiff T, Larcher M, Pouponnot C, Sorensen PHB, Rotblat B, Reifemberger G, et al. The EIF4EBP1 gene encoding 4EBP1 is transcriptionally upregulated by MYC and linked to shorter survival in medulloblastoma. <i>Cell Death Discov.</i> 2025;11(1):330. doi:10.1038/s41420-025-02601-x. Oliva-Ramirez J, Milewski D, Banks L, Bailey KM, Moding EJ, Lake J, Chen A, Daley JD, Resch EE, Kaplan RN, Ladle BH, Zhang L, et al. Future Directions and Priorities for Cellular Therapy in Sarcoma: A Report from the Strategic Advances in Sarcoma Science Cell Therapy Breakout. <i>Cancers.</i> 2025;17(18):3068. doi:10.3390/cancers17183068. Shraim R, Mooney B, Conkrite KL, Hamilton AK, Morin GB, Sorensen PH, Maris JM, Diskin SJ, Sacan A. ImmunoTar—integrative prioritization of cell surface targets for cancer immunotherapy. <i>Bioinformatics.</i> 2025;41(3):btaf060. doi:10.1093/bioinformatics/btaf060. PMID:39932005.0.

	Yan J, Bhanshali F, Shuzenji C, Mendenhall TT, Taylor SKB, Ermakova G, Cheng X, Bai P, Diwan G, Seraj D, Meyer JN, Sorensen PH, et al. Eukaryotic Elongation Factor 2 Kinase EFK-1/eEF2K promotes starvation resistance by preventing oxidative damage in <i>C. elegans</i> . <i>Nat. Commun.</i> 2025;16(1):1752. doi:10.1038/s41467-025-56766-1. PMID:39966347.0.
Takei, Fumio	Sadeghalvad M, Ghaedi M, Takei F. Development of Group 2 Innate Lymphoid Cells. <i>Encyclopedia of Immunobiology.</i> 2025;V1:586-V1:592. doi:10.1016/B978-0-128-24465-4.00017-X.
Venturutti, Leandro	Rai S, Duns G, Frontzek F, Wong JCH, Yin Y, Li MY, Kishida M, Fujisawa M, Healy S, Viganò E, Jiang A, Woolcock B, et al. Somatic IRF4 mutations and thymic tropism in primary mediastinal large B-cell lymphoma. <i>Blood.</i> 2025;146(13):1586-1600. doi:10.1182/blood.2025028412. PMID:40540746.0.
Verchere, Bruce	Chen Y-C, Bäck NE, Zhen J, Xiong L, Komba M, Gloyd AL, MacDonald PE, Mains RE, Eipper BA, Verchere CB. Peptidylglycine alpha-amidating monooxygenase is important in mice for beta-cell cilia formation and insulin secretion but promotes diabetes risk through beta-cell independent mechanisms. <i>Mol. Metab.</i> 2025;96:102123. doi:10.1016/j.molmet.2025.102123. PMID:40120979.0. Colpitts SJ, Jegatheeswaran S, Oakie A, Mashhour S, Sachewsky N, Murshed H, Mathews JA, Reid KT, Misra PS, Fung VCW, Reichman TW, Nostro MC, et al. Cell therapy with human interleukin 10–producing ILC2s enhances islet function and inhibits allograft rejection. <i>Am. J. Transplant.</i> 2025;25(9):1858-1869. doi:10.1016/j.ajt.2025.05.023. PMID:40412656.0. Cui C, Leander DC, Gray SM, El K, Chen A, Grimsrud PA, Becker JO, Taylor A, Zhang G-F, Sloop KW, Verchere CB, Hoofnagle AN, et al. α cells use both PC1/3 and PC2 to process proglucagon peptides and control insulin secretion. <i>Sci. Adv.</i> 2025;11(38):eady8048. doi:10.1126/sciadv.ady8048. PMID:40971442.0. de Brito Monteiro L, Archambault A-S, Soukhatcheva G, Dai D, Velghe J, Chen Y-C, Verchere CB, Klein Geltink RI. Assessment of protein synthesis rate enables metabolic profiling of resident-immune cells of the islets of Langerhans. <i>Front. Immunol.</i> 2025;16:1662986. doi:10.3389/fimmu.2025.1662986. PMID:41063994.0. de Wit DF, Fuhri Snethlage CM, Minab R, Rampanelli E, de Groen P, Balvers M, McDonald TJ, Oram RA, Roep BO, van Raalte DH, Verchere CB, Nieuwdorp M, et al. Persisting plasma proinsulin levels in a cohort of 482 individuals with long-standing type 1 diabetes mellitus. <i>Diabetes Obes. Metab.</i> 2025;27(10):5566-5575. doi:10.1111/dom.16604. PMID:40654035.0. Ewald JD, Lu Y, Ellis CE, Worton J, Kolic J, Sasaki S, Zhang D, dos Santos T, Spigelman AF, Bautista A, Dai X-Q, Lyon JG, et al. HumanIslets.com: Improving accessibility, integration, and usability of human research islet data. <i>Cell Metab.</i> 2025;37(1):7-11. doi:10.1016/j.cmet.2024.09.001. PMID:39357523.0. Freitas BFA, Verchere CB, Levings MK. Advances in Engineering Myeloid Cells for Cell Therapy Applications. <i>ACS Synth. Biol.</i> 2025;14(1):10-20. doi:10.1021/acssynbio.4c00589. PMID:39722478.0. Kar S, Orban PC, Sasaki S, Dai D, Soukhatcheva G, Lynn FC, Verchere BC. P.27: Generating amyloid resistant stem cell-derived beta cells to improve islet transplant outcomes in type 1 diabetes. <i>Transplantation.</i> 2025;109(10S):S76-S77. doi:10.1097/01.tp.0001170776.70786.47. Monteiro LB, Archambault A-S, Starchuk LF, Alcazar A, Oh JH, Dubland JA, Rakić B, Patterson AE, Verchere CB, Geltink RIK. Inhibition of xanthine oxidoreductase with febuxostat, but not allopurinol, prevents inflammasome assembly and IL-1β release. <i>Life Sci. Alliance.</i> 2025;8(8):e202403191. doi:10.26508/lsa.202403191. PMID:40399065.0. Panzhinskiy E, Skovsø S, Cen HH, Rahardjo A, Zhang JA, Chu KY, MacDonald K, Soukhatcheva G, Dionne DA, Hallmaier-Wacker LK, Wildi JS, Marciel S, et al. Eukaryotic translation initiation factor 2A protects pancreatic beta cells during endoplasmic reticulum stress while rescuing global translation inhibition. <i>Diabetologia.</i> 2025;68(8):1735-1753. doi:10.1007/s00125-025-06431-5. PMID:40304759.0.
Wang, Yemin	EL-Naggar AM, Li Y, Turgu B, Ding Y, Wei L, Chen SY, Trigo-Gonzalez G, Kalantari F, Vallejos R, Lynch B, Senz J, Lum A, et al. Cystathionine gamma-lyase-mediated hypoxia inducible factor 1-alpha expression drives clear cell ovarian cancer progression. <i>J. Pathol.</i> 2025;266(3):352-367. doi:10.1002/path.6433. PMID:40371821.0. El-Naggar AM, Somasekharan SP, Wang Y, Cheng H, Negri GL, Pan M, Wang XQ, Delaidelli A, Rafn B, Cran J, Zhang F, Zhang H, et al. Correction to: Class I HDAC inhibitors enhance YB -1 acetylation and oxidative stress to block sarcoma metastasis (EMBO reports, (2019), 20, 12, (e48375), 10.15252/embr.201948375). <i>EMBO Rep.</i> 2025;26(12):3226-3227. doi:10.1038/s44319-025-00478-6. PMID:40442423.0. Fraire CR, Desai K, Jagadeeswaran I, Obalapuram UA, Mendyka LK, Rajaram V, Sebastian T, Wang Y, Onel K, Lee J, Skapek SX, Chen KS. An imbalance between proliferation and differentiation underlies the development of microRNA-defective pineoblastoma. <i>Genes Dev.</i> 2025;39(11-12):727-750. doi:10.1101/gad.352485.124. PMID:40240142.0.

	Lang JD, Selleck W, Striker S, Hipschman NA, Kofman R, Karnezis AN, Kommos FKF, Kommos F, Wendt JR, Facista SJ, Hendricks WPD, Orlando KA, et al. Super-enhancers and efficacy of triptolide in small cell carcinoma of the ovary hypercalcemic type. <i>iScience</i>. 2025;28(2):111770. doi:10.1016/j.isci.2025.111770. Li ES, Ho R, Tao R, Choi YWY, Shin CY, Chen SY, Gokbayrak B, Senz J, Yao B, Johnston L, Martin SD, Yang E, et al. Molecular subtyping of endometrial carcinoma cell lines uncovers subtype-specific targetable vulnerabilities. <i>npj Precis. Oncol</i>. 2025;9(1):254. doi:10.1038/s41698-025-01053-x. Raupach EA, Hegde AM, Garcia-Mansfield K, Alcantara M, Rose DL, Halperin RF, Orlando KA, Lang JD, Sharma R, David-Dirgo V, Facista SJ, Moore R, et al. Loss of SMARCA4 Leads to Intron Retention and Generation of Tumor-Associated Antigens in Small Cell Carcinoma of the Ovary, Hypercalcemic Type. <i>Cancer Res</i>. 2025;85(14):2626-2642. doi:10.1158/0008-5472.CAN-24-0044. PMID:40407709.0. Shin CY, Gokbayrak B, Tao VL, Almadani N, S Li E, Ho R, Kommos FKF, Huvila J, Chiu D, Leung S, Tessier-Cloutier B, Huntsman DG, et al. Prognostic values of molecular subtypes and SWI/SNF protein expression in de-differentiated/undifferentiated endometrial carcinoma. <i>Histopathology</i>. 2025;86(7):1053-1063. doi:10.1111/his.15411. PMID:39811899.0. St Laurent JD, Xu GD, Ying AW, Gokbayrak B, Patil A, Paulo JA, Cervantes KS, Chen S, Feng WW, Sankar A, Samé Guerra DD, Qi J, et al. Shifted assembly and function of mSWI/SNF family subcomplexes underlie targetable dependencies in dedifferentiated endometrial carcinomas. <i>Nat. Genet</i>. 2025;57(11):2743-2755. doi:10.1038/s41588-025-02333-9. PMID:4116019.0. Zhu X, Fu Z, Aceto G, St-Germain J, Liu K, Arabzadeh A, Qi Y, Xue Y, Witkowski L, Graulich E, Steinberger J, Misirliloglu S, et al. SMARCA4 Loss Increases RNA Polymerase II Pausing and Elevates R-Loops to Inhibit BRCA1-Mediated Repair in Ovarian Cancer. <i>Cancer Res</i>. 2025;85(16):2997-3014. doi:10.1158/0008-5472.CAN-24-3990. PMID:40366633.0.
Welch, Ian	Arora H, Wilcox SM, Johnson LA, Munro L, Eyford BA, Pfeifer CG, Welch I, Jefferies WA. Erratum: The ATP-Binding Cassette Gene ABCF1 Functions as an E2 Ubiquitin-Conjugating Enzyme Controlling Macrophage Polarization to Dampen Lethal Septic Shock (<i>Immunity</i> (2019) 50(2) (418–431.e6), (S1074761319300378), (10.1016/j.immuni.2019.01.014)). <i>Immunity</i>. 2025;58(5):1359. doi:10.1016/j.immuni.2025.03.015. PMID:40374264.0.
Wellington, Cheryl Lea	Banoei MM, Hutchison J, Panenka W, Wong A, Wishart DS, Winston BW, Canadian Biobank and Database for Traumatic Brain Injury (CanTBI) study investigators, Fenerty L, Martin KA, Audas L, Clarke D, French M-E, et al. Metabolomic in severe traumatic brain injury: exploring primary, secondary injuries, diagnosis, and severity. <i>Crit. Care</i>. 2025;29(1):26. doi:10.1186/s13054-025-05258-1. PMID:39815318.0. Bird JD, Hornby L, Hirsch-Reinshagen V, Allen CP, Isac G, Gooderham PA, Shemie SD, Dhanani S, Thiara S, Stukas S, Grey R, Foster DA, et al. Characterizing the physiology of circulatory arrest in humans. <i>Nat. Med</i>. 2025;31(10):3542-3552. doi:10.1038/s41591-025-03889-z. PMID:41102468.0. Caron NS, Fan J, Ma D, Yung A, Ko S, Bale K, Anderson C, Kozlowski P, Pouladi MA, Wellington CL, Hayden MR. Molecular and imaging biomarker responses to brain mutant HTT lowering in a mouse model of Huntington disease. <i>Mol. Ther. Nucl. Acids</i>. 2025;36(4):102710. doi:10.1016/j.omtn.2025.102710. Delaby C, Ladang A, Martinez-Yriarte J, Zecca C, Logroscino G, Körtvelyessy P, Tumani H, Parchi P, Quadrio I, Hart M, Olsen DA, Alcolea D, et al. Clinical use and reporting of neurofilament quantification in neurological disorders: A global overview. <i>Alzheimer's Dementia</i>. 2025;21(6):e70343. doi:10.1002/alz.70343. PMID:40551293.0. Gao Z-H, McMillan G, Wellington C, Cote H, Nimmo M, Huntsman D, Vercauteren S, Perrone L, Granville D, Laule C. From good to great: The journey of sustained academic improvement of a university department of pathology and laboratory medicine. <i>Acad. Pathol</i>. 2025;12(1):100159. doi:10.1016/j.acpath.2025.100159. Harper MI, McKinney K, McLennan C, Adhikari SP, Ghodsi M, Cooper JG, Stukas S, Maldonado-Rodriguez N, Agbay A, Morelli T, Nouri Zadeh-Tehrani S, Lorenz BR, et al. Advocates, Academics, Survivors and Clinicians to END Intimate Partner Violence (ASCEND-IPV) initiative: a prospective observational case-control study protocol to identify plasma biomarkers of intimate partner violence (IPV)-caused brain injury (BI). <i>BMJ Open</i>. 2025;15(9):e098025. doi:10.1136/bmjopen-2024-098025. PMID:40962341.0. Kondiles BR, Fan J, Cheng WH, Wellington C, Tetzlaff W. Age and Sex Affect the Chronic Trajectory of Plasma Neurofilament Light and Glial Fibrillary Acidic Protein Levels in a Murine Thoracic Contusion Spinal Cord Injury Model. <i>Top Spinal Cord Inj Rehabil</i>. 2025;31(2):125-134. doi:10.46292/sci24-00031. PMID:41019414.0. Lennon MJ, Karvelas N, Ganesh A, Whitehead S, Sorond FA, Durán Laforet V, Head E, Arfanakis K, Kolachalama VB, Liu X, Lu H, Ramirez J, et al. The future of biomarkers for vascular contributions to cognitive impairment and dementia (VCID): proceedings of the 2025 annual workshop of the Albert research institute for white matter and cognition. <i>GeroScience</i>. 2025;47(5):6177-6190. doi:10.1007/s11357-025-01746-y. PMID:40542975.0. Lisi I, Moro F, Mazzone E, Marklund N, Pischiutta F, Kobeissy F, Mao X, Corrigan F, Helmy A, Nasrallah F, Pietro VD, Ngwenya LB, et al. Exploiting blood-based biomarkers to align preclinical models with human traumatic brain injury. <i>Brain</i>. 2025;148(4):1062-1080. doi:10.1093/brain/awae350. PMID:39514789.0.

	Mitchell JE, McDonald SJ, Sharp DJ, Gan G, Ponsford JL, Marquand A, Wellington C, Law M, Shultz SR, Spitz G. The normative modelling framework for traumatic brain injury. <i>Brain</i>. 2025;148(11):3817-3832. doi:10.1093/brain/awaf296. PMID:40795830.0. Muir RT, Stukas S, Cooper JG, Beaudin AE, McCreary CR, Gee M, Nelles K, Nukala N, Valencia J, Kirmess KM, Black SE, Hill MD, et al. Plasma biomarkers distinguish Boston Criteria 2.0 cerebral amyloid angiopathy from healthy controls. <i>Alzheimer's Dementia</i>. 2025;21(3):e70010. doi:10.1002/alz.70010. PMID:40156276.0. Nelson BK, Farah LN, Saint SA, Song C, Field TS, Sossi V, Stoessl AJ, Wellington C, Honer WG, Lang D, Silverberg ND, Panenka WJ. Diffusion tensor imaging after COVID-19 infection: A systematic review. <i>NeuroImage</i>. 2025;310:121150. doi:10.1016/j.neuroimage.2025.121150. PMID:40096951.0. Nelson BK, Farah LN, Saint SA, Song C, Field TS, Sossi V, Stoessl AJ, Wellington C, Honer WG, Lang D, Silverberg ND, Panenka WJ. Quantitative brain volume differences between COVID-19 patients and non-COVID-19 volunteers: A systematic review. <i>NeuroImage</i>. 2025;310:121146. doi:10.1016/j.neuroimage.2025.121146. PMID:40090554.0. Nelson BK, Picon E, Sayers L, Farah LN, Saint SA, Chen J, Sossi V, Sekhon MS, Stoessl AJ, Wellington C, Honer WG, Lang D, et al. Memory and metamemory performance in individuals with and without post-COVID-19 subjective cognitive symptoms. <i>J. Clin. Exp. Neuropsychol</i>. 2025;47(6):569-579. doi:10.1080/13803395.2025.2555610. PMID:40922525.0. Penner LC, Tabor JB, Burma JS, Godfrey H, Galarneau J-M, Cooper JG, Ghodsi M, Wellington CL, Debert CT, Emery CA, Smirl JD. Effects of interval exercise and diurnal variation on blood biomarkers for sport-related concussion: A crossover cohort study. <i>J. Sci. Med. Sport</i>. 2025;28(11):886-893. doi:10.1016/j.jsams.2025.06.008. PMID:40617733.0. Qiu Y, Jacobs DM, Messer K, Salmon DP, Wellington CL, Stukas S, Revta C, Brewer JB, Léger GC, Askew B, Donahue L, Kaplita S, et al. Prognostic value of plasma biomarkers for informing clinical trial design in mild-to-moderate Alzheimer's disease. <i>Alzheimers Res. Ther</i>. 2025;17(1):97. doi:10.1186/s13195-025-01745-3. PMID:40317057.0. Silveira CRA, Coleman KKL, Borron K, Tirona RG, Rupar CA, Zou G, Hegele RA, Wellington C, Stukas S, Finger EC, Bartha R, Morrow SA, et al. Ambroxol as a Treatment for Parkinson Disease Dementia: A Randomized Clinical Trial. <i>JAMA Neurol</i>. 2025;82(8):797-807. doi:10.1001/jamaneurol.2025.1687. PMID:40587145.0. Smith EE, Phillips NA, Feldman HH, Borrie M, Ganesh A, Henri-Bhargava A, Desmarais P, Frank A, Badhwar A, Barlow L, Bartha R, Best S, et al. Use of lecanemab and donanemab in the Canadian healthcare system: Evidence, challenges, and areas for future research. <i>J. Prev. Alzheimer's Dis</i>. 2025;12(3):100068. doi:10.1016/j.tjpad.2025.100068. PMID:39893139.0. Sun M, Symons GF, Spitz G, O'Brien WT, Baker TL, Fan J, Martins BD, Allen J, Giesler LP, Mychasiuk R, van Donkelaar P, Brand J, et al. Pathophysiology, blood biomarkers, and functional deficits after intimate partner violence-related brain injury: Insights from emergency department patients and a new rat model. <i>Brain Behav. Immun</i>. 2025;123:383-396. doi:10.1016/j.bbi.2024.09.030. PMID:39349286.0. Swaro A, Bristow BN, Anwer M, Zhang AA, Kraus L, Gandhi RK, Erwin SR, Stach TR, Sullivan KE, Fan J, Cheng WH, Wellington CL, et al. Widespread and cell-type-specific transcriptomic reorganization following mild traumatic brain injury. <i>Cell Rep</i>. 2025;44(6):115795. doi:10.1016/j.celrep.2025.115795. PMID:40478731.0. Zemek R, Albrecht LM, Johnston S, Leddy J, Ledoux A-A, Reed N, Silverberg N, Yeates K, Lamoureux M, Anderson C, Barrowman N, Beauchamp MH, et al. TRANSCENDENT (Transforming Research by Assessing Neuroinformatics across the Spectrum of Concussion by Embedding iNterdisciplinary Data-collection to Enable Novel Treatments): protocol for a prospective observational cohort study of concussion patients with embedded comparative effectiveness research within a network of learning health system concussion clinics in Canada. <i>BMJ Open</i>. 2025;15(4):e095292. doi:10.1136/bmjopen-2024-095292. PMID:40262965.0.
Weng, Andrew	Tamiro F, Padovano C, De Santis E, Di Iasio S, Sansico DF, Canistro V, Colucci M, Di Nunzio C, Bruno G, Doshi K, Totaro A, Gu E, et al. NOTCH1 dimeric signaling is essential for T-cell leukemogenesis and leukemia maintenance. <i>Blood</i>. 2025;145(24):2887-2902. doi:10.1182/blood.2024027020. PMID:40009499.0.
Yip, Stephen	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell</i>. 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0. Beck JA, Mazcko C, Belluco S, Bitar M, Brat D, Bush JW, Chkheidze R, Corps KN, Frank C, Giannini C, Horbinski C, Huse JT, et al. Comparative pathology boards facilitate the translation of knowledge between canine and human cancer patients. <i>Brain Pathol</i>. 2025;35(5):e70013. doi:10.1111/bpa.70013. PMID:40325876.0.

Bettegowda C, Noushmehr H, Affinito A, Ahluwalia MS, Ansorge O, Ayasoufi K, Bagley S, Barnholtz-Sloan J, Best M, Brandsma D, Brodie C, Brüning-Richardson A, et al. Preanalytical variables and analytes in liquid biopsy approach for brain tumors: A comprehensive review and recommendations from the RANO Group and the Brain Liquid Biopsy Consortium. <i>Neuro-Oncology</i> . 2025;27(10):2496-2513. doi:10.1093/neuonc/noaf140. PMID:40884415.0.
Bisson KR, Beharry A, Blais N, Carter MD, Cheema PK, Desmeules P, Garratt JG, Melosky B, Lo B, Snow S, Tessier-Cloutier B, Tio E, et al. Novel Approach to Proficiency Testing Reveals Significant Variations in Biomarker Practice Leading to Critical Differences in Lung Cancer Management. <i>JTO. Clin. Res. Rep.</i> 2025;6(7):100837. doi:10.1016/j.jtocrr.2025.100837.
Brändl B, Steiger M, Kubelt C, Rohrandt C, Zhu Z, Evers M, Wang G, Schuldt B, Afflerbach A-K, Wong D, Lum A, Halldorsson S, et al. Rapid brain tumor classification from sparse epigenomic data. <i>Nat. Med.</i> 2025;31(3):840-848. doi:10.1038/s41591-024-03435-3. PMID:40021833.0.
Churg A, Spence T, Martin KC, Senz J, Yip S, Naso JR. CDKN2A Chromogenic in Situ Hybridization for Separating Benign from Malignant Mesothelial Proliferations. <i>Am. J. Surg. Pathol.</i> 2025;49(7):646-649. doi:10.1097/PAS.0000000000002395. PMID:40160119.0.
Fitzsimmons K, Hughesman C, Pataky R, Weymann D, D'Amours M-F, Alex D, Ionescu DN, Melosky B, Carolan H, McNeil K, Ho C, McGuire A, et al. Ultrarapid EGFR Testing in Non–Small Cell Lung Carcinoma Patients: Findings From a Canadian Clinical Testing Workflow. <i>Lab. Investig.</i> 2025;105(12):104245. doi:10.1016/j.labinv.2025.104245. PMID:41005709.0.
Gui C, Wang JZ, Patil V, Landry AP, Singh O, Castelo-Branco P, Tabori U, Aldape K, Behling F, Barnholtz-Sloan JS, Horbinski C, Tabatabai G, et al. Analysis of TERT association with clinical outcome in meningiomas: a multi-institutional cohort study. <i>Lancet Oncol.</i> 2025;26(9):1191-1203. doi:10.1016/S1470-2045(25)00267-0. PMID:40907516.0.
Koh LWH, Pang QY, Novera W, Lim SW, Chong YK, Liu J, Ang SYL, Loh RWY, Shao H, Ching J, Wang Y, Yip S, et al. EZH2 functional dichotomy in reactive oxygen species-stratified glioblastoma. <i>Neuro-Oncology</i> . 2025;27(2):398-414. doi:10.1093/neuonc/noae206. PMID:39373211.0.
Krishnan T, Vasconcelos JPS, Titmuss E, Vanner RJ, Schaeffer DF, Karsan A, Lim H, Ho C, Gill S, Yip S, Chia SK, Kennecke HF, et al. Clonal Hematopoiesis of Indeterminate Potential and its Association with Treatment Outcomes and Adverse Events in Patients with Solid Tumors. <i>Cancer Res Commun.</i> 2025;5(1):66-73. doi:10.1158/2767-9764.CRC-24-0522. PMID:39636207.0.
Landry AP, Wang JZ, Liu J, Patil V, Gui C, Patel Z, Ajisebutu A, Ellenbogen Y, Wei Q, Singh O, Sosa J, Mansouri S, et al. Development and validation of a molecular classifier of meningiomas. <i>Neuro-Oncology</i> . 2025;27(5):1258-1269. doi:10.1093/neuonc/noae242. PMID:39775867.0.
Landry AP, Wang JZ, Patil V, Liu J, Gui C, Ellenbogen Y, Ajisebutu A, Yefet L, Wei Q, Singh O, Sosa J, Mansouri S, et al. Chromosome 1p Loss and 1q Gain for Grading of Meningioma. <i>JAMA Oncol.</i> 2025;11(6):644-649. doi:10.1001/jamaoncol.2025.0329. PMID:40178835.0.
Pang QY, Novera W, Koh LWH, Chong YK, Lim SW, Sim NL, Rizzetto S, Liu J, Lin X, Ang SYL, Ker JR-X, Wan K-R, et al. Gliportal: a comprehensive transcriptomic resource unveiling ligand-mediated mesenchymal transition in glioblastoma. <i>Neuro-Oncology</i> . 2025;27(11):2909-2926. doi:10.1093/neuonc/noaf145. PMID:40518441.0.
Punnen S, Csizmok V, Frey C, Gilbert R, Schaeffer DF, Yip S, Marra MA, Laskin J, Bleszynski M, Owen DR. Non-Metastatic Pure Pancreatic Hepatoid Carcinoma with Genomic and Transcriptomic Analysis: A Case Report. <i>Case Rep. Oncol.</i> 2025;18(1):420-428. doi:10.1159/000544747.
Tan SK, Bettegowda C, Yip S, Sahgal A, Rhines L, Reynolds J, Lazary A, Laufer I, Gasbarrini A, Dea N, Verlaan JJ, Gokaslan ZL, et al. Liquid Biopsy for Spinal Tumors: On the Frontiers of Clinical Application. <i>Global Spine J.</i> 2025;15(1_suppl):16S-28S. doi:10.1177/21925682231222012.
Wang P, Hughesman C, Yip S, Lockwood WW, Sun S. Brief Report: Real-World Treatment Patterns and Clinical Outcomes for Patients With Advanced ALK-Rearranged NSCLC in British Columbia. <i>JTO. Clin. Res. Rep.</i> 2025;6(4):100697. doi:10.1016/j.jtocrr.2024.100697.
Yeo S, Sun J, Zibrik K, Shaipanich T, Carolan H, Melosky B, Ionescu D, Alex D, Yip S, Wang Y. Reduced wait times for molecular-biomarker testing among patients with advanced lung cancer using parallel sample processing and closed-loop communication: the Continuous Oncopanel and ALK Status Tracking (COAST) Project. <i>BMJ Open Qual.</i> 2025;14(1):e003001. doi:10.1136/bmj-oq-2024-003001. PMID:39971592.0.
Zanif U, Parks J, Tai I, Yip S, Babinszky S, Milne K, Watson P, Murphy RA, Bhatti P. Pre-diagnostic Demographic, Lifestyle, and Health History Factors in Association with Secreted Protein Acidic and Rich in Cysteine (SPARC) Expression in Colorectal Cancer Tissue. <i>Biomarker Insights.</i> 2025;20:11772719251339955. doi:10.1177/11772719251339955.

	Zhang AW, Akbari V, Galbraith A, Kore Z, Li Y, Leung S, Ji JX, Dever K, MacIsaac J, Brewis H, Pan D, Kürten C, et al. Cross-Platform Methylation-Based Site of Origin Classification for Squamous Cell Carcinomas. <i>Mod. Pathol.</i> 2025;38(11):100878. doi:10.1016/j.modpat.2025.100878. PMID:40902853.0.
Zimring, James	Andrews PH, Zimring JC, McNamara CA. Clinical associations and potential cellular mechanisms linking G6PD deficiency and atherosclerotic cardiovascular disease. <i>npj metab. health. dis.</i> 2025;3(1):16. doi:10.1038/s44324-025-00061-6.
	Cendali FI, Grier AL, Lisk C, Dzieciatkowska M, Haiman Z, Reisz JA, Harral J, Stephenson D, Hay AM, Wartchow EP, Buehler PW, Hansen KC, et al. Increased Exercise Tolerance in G6PD African Variant Mice Driven by Metabolic Adaptations and Erythrophagocytosis. <i>Antioxidants.</i> 2025;14(8):927. doi:10.3390/antiox14080927.
	Cendali FI, Lisk C, Dzieciatkowska M, LaCroix IS, Reisz JA, Harral J, Stephenson D, Hay AM, Wartchow EP, Darehshouri A, Dziewulska-Cronk KH, Buehler PW, et al. Increased exercise tolerance in humanized G6PD-deficient mice. <i>Blood Adv.</i> 2025;9(2):321-334. doi:10.1182/bloodadvances.2024013968. PMID:39514761.0.
	D'Alessandro A, Keele GR, Hay A, Nemkov T, Earley EJ, Stephenson D, Vincent M, Deng X, Stone M, Dzieciatkowska M, Hansen KC, Kleinman S, et al. Ferroptosis regulates hemolysis in stored murine and human red blood cells. <i>Blood.</i> 2025;145(7):765-783. doi:10.1182/blood.2024026109. PMID:39541586.0.
	D'Alessandro A, Zimring JC. From metabolomics to transfusion-associated immunomodulation. <i>Curr. Opin. Immunol.</i> 2025;96:102646. doi:10.1016/j.coi.2025.102646. PMID:40848579.0.
	Dzieciatkowska M, Hay A, Issaian A, Keele GR, Bevers S, Nemkov T, Reisz JA, Maslanka M, Stephenson D, Moore AL, Deng X, Stone M, et al. Caffeine impairs red blood cell storage quality by dual inhibition of ADORA2b signaling and G6PD activity. <i>Haematologica.</i> 2025;111(3):861-875. doi:10.3324/haematol.2025.288332. PMID:40905089.0.
	Reisz JA, Earley EJ, Nemkov T, Key A, Stephenson D, Keele GR, Dzieciatkowska M, Spitalnik SL, Hod EA, Kleinman S, Roubinian NH, Gladwin MT, et al. Arginine metabolism is a biomarker of red blood cell and human aging. <i>Aging Cell.</i> 2025;24(2):e14388. doi:10.1111/ace1.14388. PMID:39478346.0.

CLINICAL FACULTY Refereed Publications 2025

297 publications

Source: Scopus & Faculty Activity Database – grouped by faculty surname.

Ahmed-Bentley, Jasmine	Glassman H, Ahmed-Bentley J, Buckman R, Carbungco M, Fletcher C, Sy K, Wong J, Porter C, Desruisseaux C, Lavergne V, Liu S, Lieu A, et al. Impact of packed red blood cells versus fresh whole human blood on the growth of nutritionally variant streptococci and Streptococcus anginosus group during verification of the BACT/ALERT VIRTUO blood culture system. J. Clin. Microbiol. 2025;63(5). doi:10.1128/jcm.01987-24. PMID:40162793.0.
Airo, Adriana	Anders RO, Airo AM, Capistran E, Chin A, Bassi G, Mazzulli T. Effects of disposable pull-through brush types for reprocessing of flexible endoscopes in clinical environment. Infect. Preven. Prac. 2025;7(1):100445. doi:10.1016/j.infpip.2025.100445.
Akbari, Ardalan	Akbari A, Pors J, Lum A, Leung S, Cochrane D, Jamieson A, McAlpine J, Kommoss S, Huvila J, Huntsman D, Talhouk A, Singh N, et al. Papillary and ductal patterns of mesonephric-like adenocarcinomas are often overlooked: a retrospective revaluation of over 1000 endometrial carcinomas. Histopathology. 2025;86(6):862-877. doi:10.1111/his.15393. PMID:39687985.0.
Alex, Deepu	Fitzsimmons K, Hughesman C, Pataky R, Weymann D, D'Amours M-F, Alex D, Ionescu DN, Melosky B, Carolan H, McNeil K, Ho C, McGuire A, et al. Ultrarapid EGFR Testing in Non–Small Cell Lung Carcinoma Patients: Findings From a Canadian Clinical Testing Workflow. Lab. Investig. 2025;105(12):104245. doi:10.1016/j.labinv.2025.104245. PMID:41005709.0.
	Yeo S, Sun J, Zibrik K, Shaipanich T, Carolan H, Melosky B, Ionescu D, Alex D, Yip S, Wang Y. Reduced wait times for molecular-biomarker testing among patients with advanced lung cancer using parallel sample processing and closed-loop communication: the Continuous Oncopanel and ALK Status Tracking (COAST) Project. BMJ Open Qual. 2025;14(1):e003001. doi:10.1136/bmj-oq-2024-003001. PMID:39971592.0.
Au, Nicholas	Shrestha P, Lohse H, Bhatla C, McCartney H, Alzaki A, Sandhu N, Oli PK, Chaudhary S, Amid A, Onell R, Au N, Merkeley H, et al. Evaluation of low-cost techniques to detect sickle cell disease and β -thalassemia: an open-label, international, multicentre study. Lancet. Reg. Heal. Southeast. Asia. 2025;35:100571. doi:10.1016/j.lanseas.2025.100571.
Barakauskas, Vilte	Luke S, Bohn MK, Boutin A, Giesbrecht E, Vallance H, Chan W-S, Barakauskas V. A comparison of perinatal outcomes associated with gestational diabetes mellitus testing practices in British Columbia: A population-based retrospective cohort study. Can. J. Public Health. 2025;116(4):619-629. doi:10.17269/s41997-024-00977-4. PMID:39658779.0.
Barnabas, Georgina	Barnabas GD, Bhat TA, Goebeler V, Leclair P, Azzam N, Melong N, Anderson C, Gom A, An S, Ergin EK, Shen Y, Contrero A, et al. Proteomics and personalized PDX models identify treatment for a progressive malignancy within an actionable timeframe. EMBO Mol. Med. 2025;17(4):625-644. doi:10.1038/s44321-025-00212-8. PMID:40204966.0.
Belanger, Corrie	Belanger CR, Locher K, Velapatiño B, Charles MK. Detection of bacterial pathogens directly from synovial fluids using digital PCR: A proof of concept study. Diagn. Microbiol. Infect. Dis. 2025;112(1):116749. doi:10.1016/j.diagmicrobio.2025.116749. PMID:39986133.0.
	Locher K, Chan W, Chorlton SD, Gauthier NP, Belanger CR, Velapattino B, Manges AR, Hadzic A, Charles MK. Fourier transform infrared spectroscopy as a new tool to investigate Clostridioides difficile outbreaks: A proof-of-concept study. J. Microbiol. Methods. 2025;237:107230. doi:10.1016/j.mimet.2025.107230. PMID:40818638.0.
	Velapatiño B, Locher K, Belanger CR, Charles MK. Mycobacterium tuberculosis DNA detection in formalin-fixed paraffin-embedded tissue using Digital PCR: a proof-of-concept study. Diagn. Microbiol. Infect. Dis. 2025;111(3):116697. doi:10.1016/j.diagmicrobio.2025.116697. PMID:39904150.0.
Bélanger, Eric	Bird JD, Hornby L, Hirsch-Reinshagen V, Allen CP, Isac G, Gooderham PA, Shemie SD, Dhanani S, Thiara S, Stukas S, Grey R, Foster DA, et al. Characterizing the physiology of circulatory arrest in humans. Nat. Med. 2025;31(10):3542-3552. doi:10.1038/s41591-025-03889-z. PMID:41102468.0.
Bissonnette, Mei Lin	Andeen NK, Kung VL, Avasare RS, Barbour S, Griffith M, Bissonnette MLZ, Roufousse C. Questions and Caveats in Antigen-Defined Membranous Nephropathy. J. Am. Soc. Nephrol. 2025;36(8):1639-1651. doi:10.1681/ASN.0000000769. PMID:40424085.0.

	Nasr SH, Dasari S, Valeri AM, Theis JD, Moyer A, Buglioni A, Stokes MB, Hasadsri L, Vrana JA, Said SM, Kudose S, Kambham N, et al. Clinicopathologic, Proteomic and Outcome Characteristics of Renal Apolipoprotein C-II Amyloidosis: A Case Series. <i>Am. J. Kidney Dis.</i> 2025;85(3):353-363.e1. doi:10.1053/j.ajkd.2024.09.007. PMID:39547356.0.
Blondel-Hill, Edith	Patrick DM, O'connor K, Blondel-Hill E, Hamilton L, Lalji F, Lishman H, Pau C, Smith N. Physicians are key to reducing unnecessary dental antibiotic prescribing. <i>Br. Columbia Med. J.</i> 2025;67(2):71-72.
	Patrick DM, O'Connor K, Blondel-Hill E, Hamilton L, Lalji F, Lishman H, Smith N. Authors reply. <i>Br. Columbia Med. J.</i> 2025;67(4):126-127. doi:10.5194/acp-2019-446-ac1.
Bosdet, Ian	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell.</i> 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0.
	Krebs E, Weymann D, Ho C, Weppeler A, Bosdet I, Karsan A, Hanna TP, Pollard S, Regier DA. Clinical Effectiveness and Cost-Effectiveness of Multigene Panel Sequencing in Advanced Melanoma: A Population-Level Real-World Target Trial Emulation. <i>JCO Precis. Oncol.</i> 2025;9:e2400631. doi:10.1200/PO-24-00631. PMID:39983079.0.
Broderick, Conor	Amaral G, Lowe CF, Ritchie G, Broderick C, Payne M, Stefanovic A, Matic N, Gauthier NPG, Chorlton SD, Tang P, Romney MG. <i>Vibrio cholerae</i> cystitis following geothermal hot springs exposure in California. <i>Clin. Microbiol. Newsl.</i> 2025;52:17-20. doi:10.1016/j.clinmicnews.2025.06.004.
	Jia A, Price TR, Rosner J, Broderick C, Cragg JJ. Journal Club: Cancer Risk Among Patients With Multiple Sclerosis: A 10-Year Nationwide Retrospective Cohort Study. <i>Neurology.</i> 2025;105(1):10.1212/WNL.0000000000213663. doi:10.1212/WNL.0000000000213663. PMID:40472310.0.
Bush, Jonathan	Avinashi V, Gupta M, Payne BA, Amhaz H, Temirova AT, Afif W, Ashok D, Barkey J, Burnett D, Bush JW, Cameron S, Carr S, et al. Recommendations for the diagnosis and management of eosinophilic esophagitis in adults and children in Canada: a Delphi consensus project. <i>Allergy Asthma Clin. Immunol.</i> 2025;21(1):47. doi:10.1186/s13223-025-00993-0.
	Avinashi V, Gupta M, Payne BA, Amhaz H, Temirova AT, Afif W, Ashok D, Barkey J, Burnett D, Bush JW, Cameron S, Carr S, et al. Recommendations for the diagnosis and management of eosinophilic esophagitis in adults and children in Canada: A Delphi consensus project. <i>J. Can. Ass. Gastroenterol.</i> 2025;8(6):207-227. doi:10.1093/jcag/gwaf022.
	Barnabas GD, Bhat TA, Goebeler V, Leclair P, Azzam N, Melong N, Anderson C, Gom A, An S, Ergin EK, Shen Y, Contrero A, et al. Proteomics and personalized PDX models identify treatment for a progressive malignancy within an actionable timeframe. <i>EMBO Mol. Med.</i> 2025;17(4):625-644. doi:10.1038/s44321-025-00212-8. PMID:40204966.0.
	Beck JA, Mazcko C, Belluco S, Bitar M, Brat D, Bush JW, Chkheidze R, Corps KN, Frank C, Giannini C, Horbinski C, Huse JT, et al. Comparative pathology boards facilitate the translation of knowledge between canine and human cancer patients. <i>Brain Pathol.</i> 2025;35(5):e70013. doi:10.1111/bpa.70013. PMID:40325876.0.
	Deretic N, Bush JW, Erdle SC, Chan ES, Avinashi V. Eosinophilic Esophagitis: real-life outcomes over 10 years in a Canadian pediatric centre. <i>Front. Pediatr.</i> 2025;13:1687724. doi:10.3389/fped.2025.1687724.
	López-Terrada DH, Webster F, Alaggio R, Bush JW, Cho S-J, de Krijger RR, Inoue T, O'Neill AF, Perez-Atayde AR, Ranganathan S, Stahlschmidt J, Tanaka Y, et al. Pathology reporting of hepatoblastoma resections: recommendations from the international collaboration on cancer reporting. <i>Histopathology.</i> 2025;87(6):802-814. doi:10.1111/his.15536. PMID:40831403.0.
	Rai S, Duns G, Frontzek F, Wong JCH, Yin Y, Li MY, Kishida M, Fujisawa M, Healy S, Viganò E, Jiang A, Woolcock B, et al. Somatic IRF4 mutations and thymic tropism in primary mediastinal large B-cell lymphoma. <i>Blood.</i> 2025;146(13):1586-1600. doi:10.1182/blood.2025028412. PMID:40540746.0.
Caza, Mélissa	Black B, Kussat T, Lee CWJ, Qu X, Hu G, Caza M, Kronstad JW. Genetically Encoded Sensors for Monitoring Intracellular Redox Health of the Pathogenic Fungus <i>Cryptococcus neoformans</i> . <i>ACS Sensors.</i> 2025;10(12):9347-9358. doi:10.1021/acssensors.5c01883. PMID:41273792.0.
Charles, Marthe Kenny	Belanger CR, Locher K, Velapatiño B, Charles MK. Detection of bacterial pathogens directly from synovial fluids using digital PCR: A proof of concept study. <i>Diagn. Microbiol. Infect. Dis.</i> 2025;112(1):116749. doi:10.1016/j.diagmicrobio.2025.116749. PMID:39986133.0.
	Glassman H, Ahmed-Bentley J, Buckman R, Carbungco M, Fletcher C, Sy K, Wong J, Porter C, Desruisseaux C, Lavergne V, Liu S, Lieu A, et al. Impact of packed red blood cells versus fresh whole human blood on the growth of nutritionally variant streptococci and <i>Streptococcus anginosus</i> group during verification of the BACT/ALERT VIRTUO blood culture system. <i>J. Clin. Microbiol.</i> 2025;63(5). doi:10.1128/jcm.01987-24. PMID:40162793.0.

	Locher K, Chan W, Chorlton SD, Gauthier NP, Belanger CR, Velapattino B, Manges AR, Hadzic A, Charles MK. Fourier transform infrared spectroscopy as a new tool to investigate Clostridioides difficile outbreaks: A proof-of-concept study. J. Microbiol. Methods. 2025;237:107230. doi:10.1016/j.mimet.2025.107230. PMID:40818638.0. Velapattino B, Locher K, Belanger CR, Charles MK. Mycobacterium tuberculosis DNA detection in formalin-fixed paraffin-embedded tissue using Digital PCR: a proof-of-concept study. Diagn. Microbiol. Infect. Dis. 2025;111(3):116697. doi:10.1016/j.diagmicrobio.2025.116697. PMID:39904150.0.
Chen, Michael	Yang Y-J, Lee C-H, Wang S-Y, Chuang Y-K, Chen MX, Shih H-C, Tsai I-L. Integrated Glycosylation Analysis of Immunoglobulin Isotypes Reveals Expanded Humoral Remodeling in Elderly Tuberculosis Infection. Mol Cell Proteomics. 2025;24(12):101438. doi:10.1016/j.mcpro.2025.101438. PMID:41175940.0.
Clarke, Gwen	Clausen FB, Hellberg Å, Toly-Ndour C, Nielsen ET, de Haas M, Akkøk ÇA, Alshamari A, Babic I, Bagås TE, Bauer F, Bay JT, Bennis R, et al. Noninvasive fetal antigen genotyping: Results from a survey on the status of clinical implementation. Vox Sang. 2025;120(9):935-943. doi:10.1111/vox.70062. PMID:40490380.0. Hajjaj OI, Callum J, Shehata N, Farrell A, Clarke G, Lieberman L. Laboratory assessment of fetomaternal haemorrhage and Rh immune globulin management: Canadian practice and scoping review. Br. J. Haematol. 2025;207(3):723-736. doi:10.1111/bjh.20246. PMID:40616214.0. Haw J, Holloway K, Clarke G, Nuni GE, Muncher L, Daly J, Martin J, Rieneck K, Dziegiel MH, Paccapelo C, Ronzoni L, O'Donghaile D, et al. International Forum on Genotyping of Blood Antigens in Donors: Responses. Vox Sang. 2025;120(3):333-348. doi:10.1111/vox.13791. PMID:39775543.0. Haw J, Holloway K, Clarke G, Nuni GE, Muncher L, Daly J, Martin J, Rieneck K, Dziegiel MH, Paccapelo C, Ronzoni L, O'Donghaile D, et al. International Forum on Genotyping of Blood Antigens in Donors: Summary. Vox Sang. 2025;120(3):326-332. doi:10.1111/vox.13790. PMID:39776394.0. Lieberman L, Clarke G. Canadian Consensus for Prenatal, Postnatal, and Neonatal Immunohematology Testing: A Need for Improved Guidance. J. Obstet. Gynaecol. Can. 2025;47(10):103079. doi:10.1016/j.jogc.2025.103079. PMID:41173561.0. Lieberman L, Walsh CM, Barty R, Callum J, Yan MTS, VanderMeulen H, Robitaille N, Kee Fung KF, Ng E, Hume H, Barrett J, Berman R, et al. Guidance for Prenatal, Postnatal and Neonatal Immunohematology Testing in Canada: Consensus Recommendations from a Modified Delphi Process. J. Obstet. Gynaecol. Can. 2025;47(9):103088. doi:10.1016/j.jogc.2025.103088. PMID:40882839.0. Olafson C, Ison T, Pote C, William N, Patel P, Clarke G, Acker JP. Shipment of Glycerolized RBC Segments for Red Cell Concentrate Compatibility Testing. Biopreservation Biobanking. 2025;23(3):243-247. doi:10.1089/bio.2023.0097. PMID:39253850.0. Robitaille N, Lieberman L, Clarke G, Barrett J, De Vrijer B, Hume HA, Massey E, Okun N, Taillefer C, Somerset D, Vlachodimitropoulou E, Fung-Kee-Fung K. National Consensus Statements for the Prevention of Maternal Rhesus D Alloimmunization and Management of Alloimmunized Pregnancies: A Modified Delphi Process. J. Obstet. Gynaecol. Can. 2025;47(10):103113. doi:10.1016/j.jogc.2025.103113. PMID:40992621.0. Tordon B, Alhomsy N, Iqbal A, Gangji A, Clarke G, Ning S. Rare case of warm IgM autoimmune hemolytic anemia. Transfusion. 2025;65(9):1756-1760. doi:10.1111/trf.18353. PMID:40708308.0. VanderMeulen H, Shuman M, Fam PN, Berman R, Callum J, Clarke G, Lieberman L, Walsh C, Thorne J, Yan MTS. Transfusion Testing During Routine Pregnancies: Consensus Recommendations from a Modified Delphi Process. J. Obstet. Gynaecol. Can. 2025;47(9):103034. doi:10.1016/j.jogc.2025.103034. PMID:40651573.0. Wei-Jia Lim J, Suleman A, Fung-Kee-Fung K, Thorne J, Clarke G, Lieberman L. Reconsidering Rhlg Following Threatened, Spontaneous, or Induced Abortions in the First Trimester. J. Obstet. Gynaecol. Can. 2025;47(9):103039. doi:10.1016/j.jogc.2025.103039. PMID:40653107.0.
Crawford, Richard	Kommos KS, Crawford RI. Ki-67 Differentiates Pagetoid Dyskeratosis From Koilocytosis in Low-Grade Squamous Intraepithelial Lesions. Am. J. Dermatopathol. 2025;47(5):416-419. doi:10.1097/DAD.0000000000002894. PMID:39787327.0. Lane M, Aubert A, Prudova A, Liu F, Russo V, Jung K, Khosravi-Hafshejani T, Zhao H, Crawford RI, Phillips E, Granville DJ. Extracellular Granzyme B Mediates the Degradation of Collagen XVII in Stevens–Johnson Syndrome/Toxic Epidermal Necrolysis. J. Invest. Dermatol. 2025;145(9):2337-2340. doi:10.1016/j.jid.2025.02.140. PMID:40057266.0. Sabljić T, Akuffo-Addo E, Muncy-Buckley M, Johnston L, Y Starkey S, Guerra Ordaz DJ, Khaslavsky S, Burleigh A, Crawford RI, Mukovozov I. Clinical Features and Treatment of Sebaceous Carcinoma: A Systematic Review. J. Cutaneous Med. Surg. 2025;29(4):413-415. doi:10.1177/12034754251316541. PMID:39930588.0.

	Wang OJ, Jacob M, Crawford RI, Lam JM. Blau Syndrome (Juvenile Systemic Granulomatosis): State-Of-The-Art Review. <i>Pediatr. Dermatol.</i> 2025;42(4):728-734. doi:10.1111/pde.16001. PMID:40456554.0. Wei K, Almadani N, Torlakovic E, Haupt R, Anderson L, Crawford R, Focchi G, Gilks B, Horn L-C, Kellow M, Ko YCK, Ordi J, et al. Proficiency Testing of p53 Immunohistochemistry Pattern Read-out in Vulvar Biopsies Demonstrates Frequent Basal Overexpression Interpretation in TP53 Wild-type Cases. <i>Int. J. Gynecol. Pathol.</i> 2025;44(6):485-495. doi:10.1097/PGP.0000000000001111. PMID:40372938.0.
Demarco, Mari	Rodda J, Kuchenbecker LA, Borelli WV, DeMarco ML, Castilhos RM, Cawston EE, Chabrashvili T, Budelier MM, Duran-Aniotz C, Udeh-Momoh C, Akman-Anderson L, Mielke MM, et al. Global multi-specialty clinician perspectives on the implementation of Alzheimer's disease blood biomarkers. <i>Alzheimer's Dementia.</i> 2025;21(5):e70201. doi:10.1002/alz.70201. PMID:40401661.0. Shaw LM, Korecka M, Lee EB, Cousins KAQ, Vanderstichele H, Schindler SE, Tosun D, DeMarco ML, Brylska M, Wan Y, Burnham S, Sciulli A, et al. ADNI Biomarker Core: A review of progress since 2004 and future challenges. <i>Alzheimer's Dementia.</i> 2025;21(1):e14264. doi:10.1002/alz.14264. PMID:39614747.0. Smith EE, Phillips NA, Feldman HH, Borrie M, Ganesh A, Henri-Bhargava A, Desmarais P, Frank A, Badhwar A, Barlow L, Bartha R, Best S, et al. Use of lecanemab and donanemab in the Canadian healthcare system: Evidence, challenges, and areas for future research. <i>J. Prev. Alzheimer's Dis.</i> 2025;12(3):100068. doi:10.1016/j.tpad.2025.100068. PMID:39893139.0.
Desruisseaux, Claudine	Glassman H, Ahmed-Bentley J, Buckman R, Carbungco M, Fletcher C, Sy K, Wong J, Porter C, Desruisseaux C, Lavergne V, Liu S, Lieu A, et al. Impact of packed red blood cells versus fresh whole human blood on the growth of nutritionally variant streptococci and Streptococcus anginosus group during verification of the BACT/ALERT VIRTUO blood culture system. <i>J. Clin. Microbiol.</i> 2025;63(5). doi:10.1128/jcm.01987-24. PMID:40162793.0.
Dokouhaki, Pouneh	Kudose S, Steers NJ, Dokouhaki P, Zhang P, Fidler ME, Andeen N, Kung V, Ma BM, Pathak SS, Wang Y, Beatty AB, Walavalkar V, et al. Differing Sensitivity of Antibodies Against IgG1 Explains the Discrepancy in the Detection of IgG1: A Validation Study. <i>Kidney Intl. Rep.</i> 2025;10(5):1571-1574. doi:10.1016/j.ekir.2025.02.005. Murthy S, Scott J, Lu S, Zhang D, Vanstone JR, Berry WE, Magee F, Kalra J, Houdek D, Dokouhaki P, Mostafa A, Wu F. Reducing unnecessary free thyroid hormone testing by the reinforcement of a reflexive algorithm in an outpatient environment. <i>Clin. Biochem.</i> 2025;137:110919. doi:10.1016/j.clinbiochem.2025.110919. PMID:40118238.0. Prasad B, Sharma A, Garg A, Raouf A, Kappel J, Patterson M, Jauhal A, Dokouhaki P. Insights into Geographic Patterns, Urban-Rural Contrasts, and Health Care Disparities in Glomerular Disease Incidence in a Canadian Province. <i>Kidney Med.</i> 2025;7(12):101138. doi:10.1016/j.xkme.2025.101138. Zhao Y, Kakodkar P, Pan H, Zhu R, Musa K, Hassan A, Shoker A, Webster D, Pearce T, Dokouhaki P, Wu F, Mostafa A. The Interplay Between Human Leukocyte Antigen Antibody Profile and COVID-19 Vaccination in Waitlisted Renal Transplant Patients. <i>Arch. Pathol. Lab. Med.</i> 2025;149(1):20-29. doi:10.5858/arpa.2023-0370-OA. PMID:38599589.0.
Dubland, Joshua	Monteiro LB, Archambault A-S, Starchuk LF, Alcazar A, Oh JH, Dubland JA, Rakić B, Patterson AE, Verchere CB, Geltink RIK. Inhibition of xanthine oxidoreductase with febuxostat, but not allopurinol, prevents inflammasome assembly and IL-1β release. <i>Life Sci. Alliance.</i> 2025;8(8):e202403191. doi:10.26508/lsa.202403191. PMID:40399065.0.
Dunham, Christopher	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell.</i> 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0. Delaidelli A, Burwag F, Ben-Neriah S, Suk Y, Shyp T, Kosteniuk S, Dunham C, Cheng S, Okonechnikov K, Schrimpf D, Von Deimling A, Ellezam B, et al. High-resolution proteomic analysis of medulloblastoma clinical samples identifies therapy-resistant subgroups and MYC immunohistochemistry as a powerful outcome predictor. <i>Neuro-Oncology.</i> 2025;27(9):2431-2444. doi:10.1093/neuonc/noaf046. PMID:40040502.0. Hruby L, Schaal K, Delaidelli A, Picard D, Dunham C, Lewandowska O, Reiff T, Larcher M, Pouponnot C, Sorensen PHB, Rotblat B, Reifemberger G, et al. The EIF4EBP1 gene encoding 4EBP1 is transcriptionally upregulated by MYC and linked to shorter survival in medulloblastoma. <i>Cell Death Discov.</i> 2025;11(1):330. doi:10.1038/s41420-025-02601-x. Thomson N, Jewels E, Bergeron-Gravel S, Lagacé S, Hazrati L-N, Saikali S, Dunham C, Cheng S. YAP1–MAML2 Fusion in Young Children With Pediatric High-Grade Glioma: A Case Report. <i>Pediatr. Blood Cancer.</i> 2025;72(8):e31796. doi:10.1002/pbc.31796. PMID:40394848.0.

Eckbo, Eric	Jassem AN, Roberts A, Tyson J, Zlosnik JEA, Russell SL, Caleta JM, Eckbo EJ, Gao R, Chestley T, Grant J, Uyeki TM, Prystajecy NA, et al. Critical Illness in an Adolescent with Influenza A(H5N1) Virus Infection. <i>New Engl. J. Med.</i> 2025;392(9):927-929. doi:10.1056/NEJMc2415890. PMID:39740022.0.
	Krueger C, Alqurashi W, Eckbo E, Grant J, Saux NL. Narrow spectrum, broad utility: Reassessing cephalexin and cefazolin beyond cellulitis. <i>JAMMI.</i> 2025;10(4):276-280. doi:10.3138/jammi-2025-0929.
Farinha, Pedro	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell.</i> 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0.
	Alduaij W, Jiang A, Villa D, Collinge B, Ben-Neriah S, Boyle M, Meissner B, Hilton LK, Farinha P, Slack GW, Craig JW, Gerrie AS, et al. CNS relapse in high-grade B-cell lymphoma with MYC and BCL2 rearrangements and dark-zone signature—expressing DLBCL. <i>Blood.</i> 2025;145(6):590-596. doi:10.1182/blood.2024025725. PMID:39441916.0.
	Collinge B, Hilton LK, Wong J, Alduaij W, Ben-Neriah S, Slack GW, Farinha P, Boyle M, Meissner B, Cook JR, Ott G, Rosenwald A, et al. High-grade B-cell lymphoma, not otherwise specified: an LLMPP study. <i>Blood Adv.</i> 2025;9(21):5409-5422. doi:10.1182/bloodadvances.2025016651. PMID:40674706.0.
	Kim JL, Villa D, Tonseth RP, Gerrie AS, Wilson D, Benard F, Venner CP, Skinnider B, Farinha P, Slack GW, Lo AC, Scott DW, et al. Long-term follow-up of bulky classic Hodgkin lymphoma managed with ABVD and PET-guided RT demonstrates excellent outcomes in PET-negative cases. <i>Br. J. Haematol.</i> 2025;206(1):167-171. doi:10.1111/bjh.19859. PMID:39511886.0.
	Rai S, Duns G, Frontzek F, Wong JCH, Yin Y, Li MY, Kishida M, Fujisawa M, Healy S, Viganò E, Jiang A, Woolcock B, et al. Somatic IRF4 mutations and thymic tropism in primary mediastinal large B-cell lymphoma. <i>Blood.</i> 2025;146(13):1586-1600. doi:10.1182/blood.2025028412. PMID:40540746.0.
	Trinder M, Pryma C, Leung E, Slack GW, Farinha P, Young S, Ozkaya N, Carruthers M, Chen LYC. The Clinicopathologic Spectrum of Rosai–Dorfman–Destombes Disease in Adults: An Analysis of 16 Cases. <i>Eur. J. Haematol.</i> 2025;115(6):555-564. doi:10.1111/ejh.70018. PMID:40818064.0.
	Yang J, Hayden AR, Villa D, Jiang A, Gerrie AS, Venner CP, Farinha P, Scott DW, Sehn LH, Savage KJ. Utility of the Central Nervous System International Prognostic Index in patients with primary mediastinal large B-cell lymphoma treated with rituximab-containing chemoimmunotherapy. <i>Haematologica.</i> 2025;111(3):1111-1115. doi:10.3324/haematol.2025.288699. PMID:41035405.0.
	Yanko O, Lytle AG, Farinha P, Boyle M, Slack GW, Scott DW, Craig JW. The Impact of Scoring Method on Accuracy and Reproducibility of Hans Cell-of-Origin Prediction in Excisional Biopsies of Diffuse Large B-Cell Lymphoma, Not Otherwise Specified. <i>Arch Pathol Lab Med.</i> 2025;149(9):852-858. doi:10.5858/arpa.2024-0366-OA. PMID:39895007.0.
Farnell, David	Abuhussein O, Hosseini-Farahabadi S, Stewart C, Flibotte S, Heravi-Moussavi A, Farnell D, Schaeffer D, Donnellan F, McKeon F, Xian W, Kelleher D, Duggan SP. A Reflux Linked GATA Factor Fulcrum Dictates Lineage Commitment Through GPRC5B During the Esophageal Dysplastic Transition. <i>Cell. Mol. Gastroenterol. Hepatol.</i> 2025;19(10):101552. doi:10.1016/j.jcmgh.2025.101552. PMID:40490196.0.
	Cochrane DR, Negri GL, Huvila J, Kalantari F, Farnell DA, Mohammad N, Thompson E, Yang W, Lum A, Spencer SE, Riley R, Jamieson A, et al. Proteomic analysis uncovers biological diversity in molecularly defined endometrial carcinomas. <i>Neoplasia.</i> 2025;69:101229. doi:10.1016/j.neo.2025.101229. PMID:40966993.0.
	Gibbard E, Cochrane DR, Sowamber R, Huvila J, Nitschke AS, Greening K, Chow C, Qin Y, Mohammad N, Farnell D, Lee WS, Gilks CB, et al. Oral contraceptive use is associated with a reduction in the physical size of fallopian tube p53 signatures. <i>Int. J. Gynecol. Cancer.</i> 2025;35(2):101635. doi:10.1016/j.ijgc.2025.101635. PMID:39921960.0.
	Hadjifaradji A, Diaz-Stewart M, Chu J, Farnell D, Schaeffer D, Farahani H, Bashashati A, Loree JM. A Deep Learning Framework for Classification of Neuroendocrine Neoplasm Whole Slide Images. <i>Cancers.</i> 2025;17(18):2991. doi:10.3390/cancers17182991.
	Mallya M, Mirabadi AK, Farnell D, Farahani H, Bashashati A. Benchmarking histopathology foundation models for ovarian cancer bevacizumab treatment response prediction from whole slide images. <i>Discov. Oncol.</i> 2025;16(1):196. doi:10.1007/s12672-025-01973-x.
Fung, Angela	Fung AWS. Establishing sustainable quality improvement in the clinical laboratory: Redesign of the total testing process and digital transformation of routine quality assurance activities. <i>Clin. Biochem.</i> 2025;137:110915. doi:10.1016/j.clinbiochem.2025.110915. PMID:40090396.0.

	Kavsak PA, Sharif S, Demian WL, Choi W-S, Belley-Cote EP, Taher J, Shea JL, Blank DW, Knauer M, Thorlacius L, Raizman JE, Huang Y, et al. Assessing Analytical Performance and Correct Classification for Cardiac Troponin Deltas Across Diagnostic Pathways Used for Myocardial Infarction. <i>Diagn.</i> 2025;15(13):1652. doi:10.3390/diagnostics15131652. Shaw JLV, Arnoldo S, Bouhtiany I, Brinc D, Brun M, Collier C, Fuezery A, Fung AWS, Huang Y, Kaur S, Knauer M, Kostantin E, et al. Recommendations for the integration of standardized quality indicators for glucose point-of-care testing. <i>Clin. Chem. Lab. Med.</i> 2025;63(10):1965-1973. doi:10.1515/cclm-2025-0448. PMID:40418724.0.
Gill, Pavandeep	Bayraktar EC, Aung PP, Gill P, Shen G, Vasudevaraja V, Lai Z, Chiriboga L, Ivan D, Nagarajan P, Curry JL, Torres-Cabala CA, Prieto VG, et al. Genomic and Transcriptomic Profiling of Digital Papillary Adenocarcinomas Reveals Alterations in Matrix Remodeling and Metabolic Genes. <i>J. Cutaneous Pathol.</i> 2025;52(4):309-316. doi:10.1111/cup.14782. PMID:39757862.0. Letourneau K, Gill P, Matsuo E, Matsuo KSA. Umbilical lesion: Granuloma or omphalomesenteric duct? Sonographic, surgical, and histopathological findings may be required to distinguish between umbilical granulomas and polyps. <i>Br. Columbia Med. J.</i> 2025;67(2):64-65. Lider S, Mandap C, Gill P. Benign Cutaneous Neoplasms with Syndromic Associations. <i>Dermatopathology.</i> 2025;12(4):34. doi:10.3390/dermatopathology12040034.
Glassman, Heather	Glassman H, Ahmed-Bentley J, Buckman R, Carbungco M, Fletcher C, Sy K, Wong J, Porter C, Desruisseaux C, Lavergne V, Liu S, Lieu A, et al. Impact of packed red blood cells versus fresh whole human blood on the growth of nutritionally variant streptococci and Streptococcus anginosus group during verification of the BACT/ALERT VIRTUO blood culture system. <i>J. Clin. Microbiol.</i> 2025;63(5). doi:10.1128/jcm.01987-24. PMID:40162793.0. Glassman H, Ismail A, Kabbani D, Smith SW, Stewart JJ, Lau C, Chen JZ. Appropriateness of intravenous vancomycin prescribing in a Canadian acute care hospital. <i>JAMMI.</i> 2025;10(3). doi:10.3138/jammi-2024-0040.
Goldfarb, David	Asamoah-Boaheng M, Goldfarb DM, Kayda I, Yap J, Kirkham T, Karim ME, Demers P, Copp JM, Grunau B. Immunogenicity of bivalent versus monovalent mRNA booster vaccination among adult paramedics in Canada who had received three prior mRNA wild-type doses. <i>Access. Microbiol.</i> 2025;7(1):000791.v3. doi:10.1099/acmi.0.000791.v3. Burnett E, Umana J, Anwari P, Mujuru HA, Groome MJ, Van Trang N, Iniguez V, Gheorghita S, Sahakyan G, Nazurdinov A, Michael F, Mandomando I, et al. Rotavirus Vaccine Effectiveness Stratified By National-Level Characteristics: An Introduction to the 24-Country MNSSTER-V Project, 2007-2023. <i>J. Infect. Dis.</i> 2025;232(2):308-315. doi:10.1093/infdis/jiae597. PMID:39607893.0. Ellis J, Milburn J, Ngoni K, Williams CG, Muthoga C, Mwarumba T, Gwakuba E, Manenji G, Suresh R, Machiya T, Thubuka J, Northcott C, et al. Epstein-Barr Virus Central Nervous System Infections and Mortality Risk in Patients Presenting With Suspected Meningitis: Results From the Botswana National Meningitis Survey and the Harare Meningitis Aetiology Study. <i>Open Forum Infect. Dis.</i> 2025;12(12):ofaf660. doi:10.1093/ofid/ofaf660. Gatonye TW, Machiya T, John-Thubuka J, Mkubwa J, Ntereke TD, Zankere T, Lechiile K, Tembo CV, Gopolang B, Zwinila K, Tiroyakgosi C, Mannathoko N, et al. First report of infections due to <i>Candidozyma</i> (formerly <i>Candida</i>) <i>auris</i> in Botswana, 2022–2024. <i>Microbiol. Spectr.</i> 2025;13(10):1-4. doi:10.1128/spectrum.02042-25. PMID:40900350.0. Goldfarb DM, Roberts A, Gotte M. Access to antivirals for treatment of influenza A(H5N1). <i>CMAJ. Canadian Medical Association Journal.</i> 2025;197(33):E1084-E1084. doi:10.1503/cmaj.152855-l. PMID:41052803.0. Jassem AN, Roberts A, Tyson J, Zlosnik JEA, Russell SL, Caleta JM, Eckbo EJ, Gao R, Chestley T, Grant J, Uyeki TM, Prystajecy NA, et al. Critical Illness in an Adolescent with Influenza A(H5N1) Virus Infection. <i>New Engl. J. Med.</i> 2025;392(9):927-929. doi:10.1056/NEJMc2415890. PMID:39740022.0. Kinasha AA, Pernica JM, Banda FM, Goldfarb DM, Welch HD, Steenhoff AP, MacLean SA. Electrolyte abnormalities and clinical outcomes in children aged one month to 13 years hospitalized with acute gastroenteritis in two large referral hospitals in Botswana. <i>PLOS. Glob. Public Health.</i> 2025;5(5):e0004588. doi:10.1371/journal.pgph.0004588. Lechiile K, Moyo S, Kinshella M-LW, Choga WT, Tawe L, Stryko J, Bagatiseng G, Kayda I, Seru K, Zuze BJL, Motshosi P, Mosepele M, et al. Saline gargle collection method is comparable to nasopharyngeal/oropharyngeal swabbing for the molecular detection and sequencing of SARS-CoV-2 in Botswana. <i>Microbiol. Spectr.</i> 2025;13(7). doi:10.1128/spectrum.02023-24. PMID:40401962.0. Li FF, Faber A, Caleta JM, Goldfarb DM, Sekirov I, Prystajecy NA, Srigley JA, Mishaal R, Jassem AN. Clinical Application of Phage Immunoprecipitation Sequencing to Diagnose Enterovirus D68 as the Underlying Etiology in a Case of Guillain-Barré Syndrome. <i>J. Infect. Dis.</i> 2025;231(2):490-494. doi:10.1093/infdis/jiae411. PMID:39215587.0. MacDonald C, Demers PA, Grunau B, Goldfarb DM, O'Neill D, Srigley JA, Wall N, Do MT, Asamoah-Boaheng M, Kirkham TL. Paramedic-reported infection prevention and control practices in Canadian paramedic services before and during COVID-19. <i>Am. J. Infect. Control.</i> 2025;53(8):895-902. doi:10.1016/j.ajic.2025.05.007. PMID:40383198.0.

	McGann CM, Stryko J, Bayani O, Moorad B, Ntlhako N, Nwako N, Hu W, Tanes C, Moustafa AM, Jones SM, Nakstad B, Gezmu AM, et al. Effect of maternal HIV status on the early neonatal microbiome. <i>J. Pediatric Infect. Dis. Soc.</i> 2025;14(10):piaf076. doi:10.1093/jpids/piaf076. PMID:40905340.0. Meyer Sauteur PM, Sidorov S, Pereyre S, Gardette M, Fischer A, Wagner N, Lemaire B, Vitale A, Greub G, Brouillet R, Opota O, Zimmermann P, et al. <i>Mycoplasma pneumoniae</i>: re-emergence and beyond. <i>Lancet Micr.</i> 2025;6(11):101191. doi:10.1016/j.lanmic.2025.101191. Nelson H, Kayda I, Watson N, Kinshella M-LW, Cochrane J, Desai N, Dittrick M, Hoang L, Hawkes MT, Meckler G, Sabhaney V, Gubbay JB, et al. Combined oropharyngeal nasal (ON) swabs for the molecular detection of respiratory pathogens including <i>M. pneumoniae</i> in symptomatic children. <i>Microbiol. Spectr.</i> 2025;13(10):1-9. doi:10.1128/spectrum.02181-25. PMID:40937765.0. Nelson H, Song JT, Kinshella M-LW, Cochrane J, Moodder K, Hassani K, Dittrick M, Goldfarb DM. A qualitative systematic review of barriers and facilitators to the implementation of communitybased molecular diagnostics for infectious diseases. <i>PLoS ONE.</i> 2025;20(5 May):e0321690. doi:10.1371/journal.pone.0321690. PMID:40359211.0. Rehan M, MacBain E, Sharif Shajib M, Mokomane M, Lechiile K, Arscott-Mills T, Steenhoff AP, Mazhani L, Main C, Smieja M, Khan WI, Goldfarb DM, et al. Correlation of fecal calprotectin levels with the detection of treatable enteric pathogens in children with severe acute diarrheal disease in Botswana. <i>Plos One.</i> 2025;20(8 August):e0328764. doi:10.1371/journal.pone.0328764. PMID:40839595.0. Stryko J, Thela T, Feder A, Thubuka J, Machiya T, Mkubwa J, Mochankana K, Tiroyakgosi C, Kgomanyane K, Ntereke TD, Zankere T, Lechiile K, et al. Carbapenem-resistant <i>Acinetobacter baumannii</i> at a hospital in Botswana: detecting a protracted outbreak using whole genome sequencing. <i>Microbiol. Spectr.</i> 2025;14(1):1-12. doi:10.1128/spectrum.01768-25. PMID:41247047.0. Swanston V, Bone JN, Richmond M, Goldfarb D, Rayment JH. Home Microbiological Sampling in a Pediatric Cystic Fibrosis Population: Pandemic Implementation and Ongoing Use. <i>Pediatr. Pulmonol.</i> 2025;60(11):e71378. doi:10.1002/ppul.71378. Watts AW, Pitblado M, Li S, Irvine MA, Golding L, Coombs D, O'Reilly C, O'Brien SF, Goldfarb DM, Mâsse LC, Lavoie P. Chronic health consequences of the COVID-19 pandemic on school workers: A cross-sectional post-pandemic analysis. <i>BMJ Open.</i> 2025;15(7):e095685. doi:10.1136/bmjopen-2024-095685. PMID:40730406.0. Woo Kinshella M-L, Allen J, Pawa J, Papenburg J, Jetty R, Dwirow R, Embree J, Robinson J, Arbour L, Sadarangani M, Shen Y, Bone JN, et al. Hospital admissions for acute respiratory tract infections among infants from Nunavut and the burden of respiratory syncytial virus: a 10-year retrospective cohort study. <i>Lancet Reg. Health - Am.</i> 2025;43:101021. doi:10.1016/j.lana.2025.101021. Zankere T, Lechiile K, Mokgwathi K, Tlhako N, Moorad B, Ntereke TD, Gatonye T, Lautenbach E, Richard-Greenblatt M, Mokomane M, Mosepele M, Cancedda C, et al. Admission screening for extended-spectrum cephalosporin-resistant and carbapenem-resistant Enterobacterales colonization at a referral hospital in Botswana: A one-year period-prevalence survey, 2022–2023. <i>PLOS. Glob. Public Health.</i> 2025;5(10 October):e0005018. doi:10.1371/journal.pgph.0005018.
Grynspan, David	Sarr O, Rajagopaul A, Zhao S, Wang X, Grynspan D, Eastabrook G, Li L, Regnault TRH, de Vrijer B. Placental Morphology and Metabolomic Profile in Uncomplicated Metabolically Healthy Obese Pregnancy. <i>Biomedicines.</i> 2025;13(9):2149. doi:10.3390/biomedicines13092149. White M, Grynspan D, Arif-Pardy J, Van Mieghem T, Connor KL. Altered placental phenotype and increased risk of placental pathology in fetal spina bifida: A matched case-control study. <i>Placenta.</i> 2025;159:107-118. doi:10.1016/j.placenta.2024.12.004. PMID:39675127.0.
Gubbay, Jonathan	Allen UD, Barton M, Upton J, Bailey A, Campigotto A, Abdulnoor M, Julien J-P, Gubbay J, Kissoon N, Litosh A, La Neve M-R, Wong P, et al. Disproportionate Rates of COVID-19 Among Black Canadian Communities: Lessons from a Cross-Sectional Study in the First Year of the Pandemic. <i>J Racial Ethn Health Disparities.</i> 2025;12(1):649-658. doi:10.1007/s40615-023-01903-z. PMID:38253978.0. Buchan SA, Alessandrini J, Drover SSM, Andrew MK, Bronskill SE, Brown KA, Daneman N, Deeks SL, Gubbay JB, Johnstone J, Karnauchow TM, Lee S, et al. Incidence of Respiratory Syncytial Virus-Associated Hospitalization Among Adults in Ontario, Canada, 2017–2019. <i>J. Infect. Dis.</i> 2025;232(5):e799-e810. doi:10.1093/infdis/jiaf343. PMID:40736447.0. Campbell-Yeo M, Mireault A, Bacchini F, Beltempo M, Shah PS, Alcock L, Comeau J, Dol J, Grant A, Gubbay J, Hughes B, Hundert A, et al. Outcomes of Preterm Infants Admitted to Canadian NICUs Before and During the SARS-COV Pandemic. <i>Child.</i> 2025;12(2):193. doi:10.3390/children12020193. Lau R, Senthikumaran C, Chong J, Qi F, Pulikkottil R-S, Ma J, Ogbulafor K, Gabe L, Manguiat K, Robinson A, Wood H, Li AX, et al. Comparison of six COVID-19 serology assays for detection of antibodies from patients infected with ancestral and a spectrum of SARS-CoV-2 variants. <i>Access. Microbiol.</i> 2025;7(7):000974.v3. doi:10.1099/acmi.0.000974.v3.

	Nelson H, Kayda I, Watson N, Kinshella M-LW, Cochrane J, Desai N, Dittrick M, Hoang L, Hawkes MT, Meckler G, Sabhaney V, Gubbay JB, et al. Combined oropharyngeal nasal (ON) swabs for the molecular detection of respiratory pathogens including <i>M. pneumoniae</i> in symptomatic children. <i>Microbiol. Spectr.</i> 2025;13(10):1-9. doi:10.1128/spectrum.02181-25. PMID:40937765.0. Peci A, Zhang P, Sullivan A, Li Y, Bi Y, Murphy A, Leibson K, Gubbay JB, Majury A. Impact of COVID-19 pandemic on <i>Legionella</i> testing and infection rates in Ontario. <i>BMC Public Health.</i> 2025;25(1):3603. doi:10.1186/s12889-025-24620-0. PMID:41136997.0.
Hadzic, Amir	Locher K, Chan W, Chorlton SD, Gauthier NP, Belanger CR, Velapatino B, Manges AR, Hadzic A, Charles MK. Fourier transform infrared spectroscopy as a new tool to investigate <i>Clostridioides difficile</i> outbreaks: A proof-of-concept study. <i>J. Microbiol. Methods.</i> 2025;237:107230. doi:10.1016/j.mimet.2025.107230. PMID:40818638.0. Zhou ZL, Silva A, Cannon K, Chow B, Comeau JL, Ellis C, Frenette C, Hadzic A, Happe J, Johnston L, Katz KC, Khan J, et al. The adoption and compliance to central line-associated bloodstream infection insertion and maintenance bundle programs in intensive care unit settings across Canada. <i>Infect. Control Hosp. Epidemiol.</i> 2025;46(2):193-196. doi:10.1017/ice.2024.189. PMID:39696922.0.
Hall, Allison	Fortunato A, Mallo D, Cisneros L, King LM, Khan A, Curtis C, Ryser MD, Lo JY, Hall A, Marks JR, Hwang ES, Maley CC. Evolutionary measures show that recurrence of DCIS is distinct from progression to breast cancer. <i>Breast Cancer Res.</i> 2025;27(1):43. doi:10.1186/s13058-025-01966-2. PMID:40119428.0. Marks JR, Zhang D, Hardman T, Chen Y-Y, Hall A, Simpson L, Hieken T, Bedrosian I, Price E, Sheng J, Dai Y, Lee M, et al. Genomic alterations are associated with response to aromatase inhibitor therapy for ER-positive postmenopausal ductal carcinoma in situ: (CALGB 40903, Alliance). <i>Breast Cancer Res.</i> 2025;27(1):26. doi:10.1186/s13058-025-01963-5. PMID:39980051.0. Qin X, Strand SH, Lee MR, Saraswathibhatla A, van IJzendoorn DGP, Zhu C, Vennam S, Varma S, Hall A, Factor RE, King L, Simpson L, et al. Single-Cell Expression Analysis of Ductal Carcinoma In Situ Identifies Complex Genotypic–Phenotypic Relationships Altering Epithelial Composition. <i>Cancer Res.</i> 2025;85(12):2302-2319. doi:10.1158/0008-5472.CAN-24-3023. PMID:40101158.0. Ryser MD, Greenwald MA, Monyak D, Sorribes IC, King L, Hall A, Geradts J, Weaver DL, Mallo D, Holloway ST, Wu E, Murgas KA, et al. Spatially Discontinuous Mutation Topographies in Ductal Carcinoma In Situ Reveal Noncompetitive Growth Dynamics. <i>Cancer Res.</i> 2025;85(24):5084-5097. doi:10.1158/0008-5472.CAN-24-4415. PMID:41066536.0. Shekar S, Hall A, Pham J, Crumbaker M, Liu J, Talmor B, Sim HW, Joshua AM. Efficacy of systemic therapy in metastatic adrenocortical carcinoma: a meta-analysis of prospective clinical trials. <i>Endocr. oncol.</i> 2025;5(1):e250027. doi:10.1530/EO-25-0027.
Hamadeh, Zeid	Porter VL, Ng M, O'Neill K, MacLennan S, Corbett RD, Culibrk L, Hamadeh Z, Iden M, Schmidt R, Tsaih S-W, Nakisige C, Origa M, et al. Rearrangements of viral and human genomes at human papillomavirus integration events and their allele-specific impacts on cancer genome regulation. <i>Genome Res.</i> 2025;35(4):653-670. doi:10.1101/gr.279041.124. PMID:39638560.0.
Hauff, Kristin	Berault DR, Chen Y, Yip P, Blasutig I, Bhayana V, Rutledge AC, Parker M, Kinniburgh D, Thomas D, Colbourne P, Langman L, Delaney SR, et al. Choosing Wisely Canada recommendations for clinical biochemistry: test ordering for sustainable and high-quality patient care. <i>Clin. Biochem.</i> 2025;138:110951. doi:10.1016/j.clinbiochem.2025.110951. PMID:40409393.0. Snozek CLH, Yee CI, Bryksin J, Dahal R, Gerson B, Gherasim C, Hauff KD, Heger N, Huestis MA, Johnson-Davis KL, Knezevic CE, Love SA, et al. Assessing knowledge gaps and educational needs in urine drug test interpretation among health care professionals. <i>Am. J. Clin. Pathol.</i> 2025;163(1):69-79. doi:10.1093/ajcp/aaqae095. PMID:39066575.0.
Hoang, Linda	Amaral G, Lo CK-F, Ritchie G, Bilawka J, Lowe CF, Romney MG, Jang W, Gowland L, Matic N, Payne M, Hoang L, Chorlton SD, et al. Evaluation of the NG-Test® CTX-M MULTI lateral flow immunoassay and genomic discovery of a blaCTX-M-27 variant with a premature stop codon. <i>Diagn. Microbiol. Infect. Dis.</i> 2025;113(4):117034. doi:10.1016/j.diagmicrobio.2025.117034. PMID:40753700.0. De Luca DG, Alexander DC, Dingle TC, Dufresne PJ, Fuller J, German GJ, Haldane D, Hoang LM, Jiao L, Kus JV, Li L, Malejczyk K, et al. Phylogenomic analysis and genetic mechanisms of antifungal resistance in clinical isolates of <i>Candida glabrata</i> (<i>Nakaseomyces glabratus</i>) from across Canada, 2013–2020. <i>Microbiol. Spectr.</i> 2025;14(1):1-16. doi:10.1128/spectrum.01803-25. PMID:41294328.0. De Luca DG, Li XR, Alexander DC, Dingle TC, Dufresne PJ, Hoang LM, Kus JV, Sheitoyan-Pesant C, Bharat A. Comparison of broth microdilution and Etest® methods for susceptibility testing of amphotericin B in <i>Candida auris</i>. <i>Med. Mycol.</i> 2025;63(3):myaf019. doi:10.1093/mmy/myaf019. PMID:40037609.0.

	Galanis E, Macdougall L, Rose C, Chen SCA, Oltean HN, Cieslak PR, Debess E, Chong M, Sorrell TC, Baddley JW, Hoang LMN, Lockhart SR, et al. Predictors of <i>Cryptococcus gattii</i> Clinical Presentation and Outcome: An International Study. <i>Clin. Infect. Dis.</i> 2025;80(5):1088-1094. doi:10.1093/cid/ciae640. PMID:39774783.0. Jassem A, Chang Y, Tsang F, Fung J, Krajden M, Grant J, Macintyre T, Hoang L. Detection of atypical bacteria, including <i>Mycoplasma pneumoniae</i>, British Columbia, Canada, 2013–2023. <i>JAMMI.</i> 2025;10(1):73-77. doi:10.3138/jammi-2024-0018. Jassem AN, Roberts A, Tyson J, Zlosnik JEA, Russell SL, Caleta JM, Eckbo EJ, Gao R, Chestley T, Grant J, Uyeki TM, Prystajecy NA, et al. Critical Illness in an Adolescent with Influenza A(H5N1) Virus Infection. <i>New Engl. J. Med.</i> 2025;392(9):927-929. doi:10.1056/NEJMc2415890. PMID:39740022.0. Li C, Sutherland D, Salehi A, Richter A, Lin D, Aninta SI, Ebrahimikondori H, Yanai A, Coombe L, Warren RL, Kotkoff M, Hoang LMN, et al. Mining the UniProtKB/Swiss-Prot database for antimicrobial peptides. <i>Protein Sci.</i> 2025;34(4):e70083. doi:10.1002/pro.70083. PMID:40100125.0. Meilleur C, Zhou J, Hoang L, Tyrrell G, Minion J, Van Caesele P, Kus J, Lefebvre B, Haldane D, Garceau R, Zahariadis G, Ding X, et al. Geographical and temporal variations of serogroups and clonal types of <i>Neisseria meningitidis</i> involved in culture-confirmed invasive meningococcal disease in Canada, 2015–2023. <i>J. Med. Microbiol.</i> 2025;74(3):001979. doi:10.1099/jmm.0.001979. PMID:40071600.0. Mistry K, Thumbi D, Li XR, Charlebois A, Avery BP, Deckert AE, Cormier AC, Murphy C, Kearney A, Campbell J, Christianson S, Alexander DC, et al. One Health study of mobile colistin resistance (<i>mcr</i>) in <i>Salmonella enterica</i> in Canada, 2017–2022. <i>Microbiol. Spectr.</i> 2025;13(7). doi:10.1128/spectrum.02156-24. PMID:40387317.0. Nelson H, Kayda I, Watson N, Kinshella M-LW, Cochrane J, Desai N, Dittrick M, Hoang L, Hawkes MT, Meckler G, Sabhaney V, Gubbay JB, et al. Combined oropharyngeal nasal (ON) swabs for the molecular detection of respiratory pathogens including <i>M. pneumoniae</i> in symptomatic children. <i>Microbiol. Spectr.</i> 2025;13(10):1-9. doi:10.1128/spectrum.02181-25. PMID:40937765.0. Salehi A, Yanai A, Richter A, Li C, Sutherland D, Coombe L, Kotkoff M, Warren RL, Hoang LMN, Birol I. Antimicrobial peptides with high bioactivity against MDR isolates: Addressing public health concerns. <i>Microb. Pathog.</i> 2025;207:107893. doi:10.1016/j.micpath.2025.107893. PMID:40695040.0. Tsang RSW, Grant J, Liu L, Meilleur C, Shuel M, Zlosnik J, Hoang L. Characteristics of an uncommon sequence type of serotype b <i>Haemophilus influenzae</i> causing an increase in invasive disease in British Columbia, Canada. <i>J. Infect. Public Health.</i> 2025;18(12):102991. doi:10.1016/j.jiph.2025.102991. PMID:41110443.0. Wilke MAP, Mistry K, Thumbi D, Li XR, Charlebois A, Cormier AC, Mickanuck K, Avery BP, Murphy C, Deckert AE, Kearney A, Campbell J, et al. Molecular epidemiology and in silico prediction of ciprofloxacin resistance in <i>Salmonella enterica</i> in Canada, 2017–2022. <i>Can. J. Microbiol.</i> 2025;71:1-8. doi:10.1139/cjm-2024-0118.
Hogan, Catherine Anne	Hogan CA, Le AT, Khan A, Su LD, Huang C, Sahoo MK, Lo C-W, Karim M, Stein KA, Einav S, Cowan TM, Pinsky BA. Comprehensive metabolomics combined with machine learning for the identification of SARS-CoV-2 and other viruses directly from upper respiratory samples. <i>J. Clin. Microbiol.</i> 2025;63(11). doi:10.1128/jcm.02042-24. PMID:41065362.0. Singh I, Lee M-K, Kon E, Chahil N, Cheung M, Hogan C, Morshed M. Molecular-based laboratory testing confer accuracy over microscopical testing for tick identification. <i>Int. J. Parasitol. Parasites Wildl.</i> 2025;26:101031. doi:10.1016/j.ijppaw.2024.101031.
Holmes, Daniel	Casey BK, Schimmelbusch HR, Holmes DT, Yi R, Middleberg RA. Specific Lab Techniques for LC-MS/MS Analysis. <i>Practical Guide to Implementing Liquid Chromatography Mass Spectrometry in Clinical Laboratories.</i> 2025:101-124. doi:10.1007/978-3-032-03852-4_5. Gandhi C, Denis M-C, Holmes D, Rivera J, van Uum S, Ezzat S, Chik C. Impact of strict IGF1 control on quality-of-life scores in patients with acromegaly. <i>Front. Endocrinol.</i> 2025;16:1516899. doi:10.3389/fendo.2025.1516899. Leung AA, Padwal RS, Hundemer GL, Venos E, Campbell DJT, Holmes DT, Orton DJ, So CB, Przybojewski SJ, Caughlin CE, Pasieka JL, Rabi DM, et al. Confirmatory Testing for Primary Aldosteronism A Study of Diagnostic Test Accuracy. <i>Ann. Intern. Med.</i> 2025;178(7):948-956. doi:10.7326/ANNALS-24-03153. PMID:40324193.0. Patel K, Arvisais-Anhalt S, Bunch DR, Holmes DT, Spies NC. Robotic Process Automation in Laboratory Medicine. <i>Clin. Chem.</i> 2025;71(6):624-628. doi:10.1093/clinchem/hvaf060. PMID:40432581.0. Ritchie G, Mobini M, Malladi VS, Lawson T, Young M, Jang W, Mohammadi H, Payne M, Stefanovic A, Tang P, Romney MG, Holmes DT, et al. Interdisciplinary Collaboration to Develop a Custom Genomic Analysis Pipeline for the Clinical Laboratory: Hepatitis B Virus and Cytomegalovirus Antiviral Resistance Genotyping. <i>Clin. Chem.</i> 2025;71(11):1169-1175. doi:10.1093/clinchem/hvaf093. PMID:40839532.0.

Horst, Basil	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell</i> . 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0.
	Aung TN, Singh A, Espinoza G, Zhang C, Jiang T, Kenchappa D, Bracero Y, Rakhade S, Sultana S, Shukla S, Nghiem E, Abbruzzese M, et al. Pathomic immune biomarkers define recurrence risk in early-stage melanoma. <i>Oncologist</i> . 2025;30(10):oyaf327. doi:10.1093/oncolo/oyaf327. PMID:41052286.0.
Hutspardol, Sakara	Hutspardol S, Borja T, Kroecker J, Wang XQ, Mi J, Zamar D, Chan G, Smith T, Hawes H, Shih AW. Comparison of conventional coagulation tests and ROTEM in identifying trauma-induced coagulopathy for massive haemorrhage protocol activation. <i>Transfus. Med</i> . 2025;35(3):266-274. doi:10.1111/tme.13128. PMID:39865389.0.
	Karkouti K, Callum JL, Bartoszko J, Tanaka KA, Knaub S, Brar S, Ghadimi K, Rochon A, Mullane D, Couture EJ, Lin Y, Harle C, et al. Prothrombin Complex Concentrate vs Frozen Plasma for Coagulopathic Bleeding in Cardiac Surgery: The FARES-II Multicenter Randomized Clinical Trial. <i>JAMA</i> . 2025;333(20):1781-1792. doi:10.1001/jama.2025.3501. PMID:40156829.0.
Imperial, Miguel	Lowe CF, Ritchie G, Crestani C, Imperial M, Matic N, Payne M, Stefanovic A, Whellams D, Brisse S, Romney MG. Diphtheria Toxin–Producing <i>Corynebacterium ramonii</i> in Inner-City Population, Vancouver, British Columbia, Canada, 2019–2023. <i>Emerg. Infect. Dis</i> . 2025;31(2):323-327. doi:10.3201/eid3102.241472. PMID:39773277.0.
	Nelson H, Kayda I, Watson N, Kinshella M-LW, Cochrane J, Desai N, Dittrick M, Hoang L, Hawkes MT, Meckler G, Sabhaney V, Gubbay JB, et al. Combined oropharyngeal nasal (ON) swabs for the molecular detection of respiratory pathogens including <i>M. pneumoniae</i> in symptomatic children. <i>Microbiol. Spectr</i> . 2025;13(10):1-9. doi:10.1128/spectrum.02181-25. PMID:40937765.0.
Ionescu, Diana	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell</i> . 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0.
	Fitzsimmons K, Hughesman C, Pataky R, Weymann D, D'Amours M-F, Alex D, Ionescu DN, Melosky B, Carolan H, McNeil K, Ho C, McGuire A, et al. Ultrarapid EGFR Testing in Non–Small Cell Lung Carcinoma Patients: Findings From a Canadian Clinical Testing Workflow. <i>Lab. Investig</i> . 2025;105(12):104245. doi:10.1016/j.labinv.2025.104245. PMID:41005709.0.
	Yeo S, Sun J, Zibrik K, Shaipanich T, Carolan H, Melosky B, Ionescu D, Alex D, Yip S, Wang Y. Reduced wait times for molecular-biomarker testing among patients with advanced lung cancer using parallel sample processing and closed-loop communication: the Continuous Oncopanel and ALK Status Tracking (COAST) Project. <i>BMJ Open Qual</i> . 2025;14(1):e003001. doi:10.1136/bmjopen-2024-003001. PMID:39971592.0.
Ito, Yoko	McAdam A, Ito YA, Richard M, Spiegelman D, Rochefort D, Xiong L, Oskoui M, Zielinski D, Rouleau GA, Zhou S, Boykott KM, De Bie I. Identification of a Founder GLDN Variant Associated With "Lethal" Arthrogryposis in Nunavik Inuit: Implications for Obstetrical and Long-Term Survivors' Management. <i>Am. J. Med. Genet. Part A</i> . 2025;197(5):e63974. doi:10.1002/ajmg.a.63974. PMID:39713852.0.
Jassem, Agatha	Gao R, Buchanan C, Dust K, Van Caesele P, Wong H, Sjaarda C, Sheth PM, Jassem AN, Minion J, Bastien N. Whole genome sequencing and phylogenetic classification accelerate the implementation of respiratory syncytial virus genomic surveillance in Canada: a pilot study. <i>Microbiol. Spectr</i> . 2025;13(10). doi:10.1128/spectrum.03142-24. PMID:40899818.0.
	Himsworth CG, Caleta JM, Jassem AN, Yang KC, Zlosnik JEA, Tyson JR, Wilson L, Kuchinski KS, Giacinti J, Willie M, Redford TD, Winchester M, et al. Highly Pathogenic Avian Influenza A(H5N1) in Wild Birds and a Human, British Columbia, Canada, 2024. <i>Emerg. Infect. Dis</i> . 2025;31(6):1216-1221. doi:10.3201/eid3106.241862. PMID:40439499.0.
	Jassem A, Chang Y, Tsang F, Fung J, Krajden M, Grant J, Macintyre T, Hoang L. Detection of atypical bacteria, including <i>Mycoplasma pneumoniae</i> , British Columbia, Canada, 2013–2023. <i>JAMMI</i> . 2025;10(1):73-77. doi:10.3138/jammi-2024-0018.
	Jassem AN, Roberts A, Tyson J, Zlosnik JEA, Russell SL, Caleta JM, Eckbo EJ, Gao R, Chestley T, Grant J, Uyeki TM, Prystajecy NA, et al. Critical Illness in an Adolescent with Influenza A(H5N1) Virus Infection. <i>New Engl. J. Med</i> . 2025;392(9):927-929. doi:10.1056/NEJMc2415890. PMID:39740022.0.
	Li FF, Faber A, Caleta JM, Goldfarb DM, Sekirov I, Prystajecy NA, Srigley JA, Mishal R, Jassem AN. Clinical Application of Phage Immunoprecipitation Sequencing to Diagnose Enterovirus D68 as the Underlying Etiology in a Case of Guillain-Barré Syndrome. <i>J. Infect. Dis</i> . 2025;231(2):490-494. doi:10.1093/infdis/jiae411. PMID:39215587.0.

	Márquez AC, Beitari S, Valadbeigy T, Sbihi H, Zlosnik J, Forward L, Mansour S, Nesbitt Z, Tanunliong G, Krajden M, Jassem A, Sekirov I, et al. COVID-19 serological survey utilizing antenatal serum samples in British Columbia. <i>Vaccine</i>. 2025;61:127310. doi:10.1016/j.vaccine.2025.127310. PMID:40472672.0. Márquez AC, Tanunliong G, Kabir M, Alam M, Hossain B, Rashid H, Jassem AN, Sekirov I, Haque R, Morshed M. Antibodies Against SARS-CoV-2 Do Not Cross-React with Endemic Coronaviruses in a Pediatric Population: Data from a Bangladesh Cohort. <i>Viruses</i>. 2025;17(2):161. doi:10.3390/v17020161. PMID:40006916.0. Nikiforuk AM, Xiu F, Mburu C, Adhikari B, Prystajecy NA, Russell SL, Jassem AN, Twohig KA, Singal M, Bobrow K, Mangat CS, Knox NC, et al. Spatiotemporal estimation of actively shedding mpox virus, clade IIb, cases using wastewater signals in British Columbia, Canada. <i>Environ. Int.</i> 2025;206:109922. doi:10.1016/j.envint.2025.109922. PMID:41297194.0. Reicherz F, Viñeta Paramo M, Bone JN, Lavoie A, Li S, Golding L, Jassem A, Watts A, Abu-Raya B, Lavoie PM. Recovery of Antibody Immunity after a Resurgence of Respiratory Syncytial Virus Infections. <i>J. Infect. Dis.</i> 2025;231(5):e840-e845. doi:10.1093/infdis/jiaf101. PMID:40099894.0. Separovic L, Zhan Y, Kaweski SE, Sabaiduc S, Carazo S, Olsha R, Mather RG, Dickinson JA, Hasso M, Meunier I, Jassem AN, Zelyas N, et al. Interim estimates of vaccine effectiveness against influenza A(H1N1)pdm09 and A(H3N2) during a delayed influenza season, Canada, 2024/25. <i>Eurosurveillance</i>. 2025;30(4):pii=2500059. doi:10.2807/1560-7917.ES.2025.30.4.2500059. PMID:39885824.0. Tanunliong G, Condin C, Márquez AC, Li S, Binning N, Gibson M, Griffiths B, Wright A, Money D, Krajden M, Morshed M, Jassem AN, et al. SARS-CoV-2 and HCoV IgG Antibodies in the Breast Milk of a Postpartum SARS-CoV-2 Patient Following Bamlanivimab Administration: A Case Report. <i>COVID</i>. 2025;5(8):123. doi:10.3390/covid5080123. Tanunliong G, Márquez AC, Sbihi H, Pidduck T, Chang Y, Li FF, Luk D, Forward L, McClymont E, Elwood C, Krajden M, Jassem AN, et al. Serological evaluation of coronavirus IgA and IgG antibodies in a repeated cross-sectional cohort of unvaccinated and vaccinated pregnant individuals over three months following SARS-CoV-2 infection. <i>Microbiol. Spectr.</i> 2025;14(1):1-15. doi:10.1128/spectrum.02167-25. PMID:41347502.0.
Johal, Priya	Gosein M, Yong-Hing CJ, Johal P, Mar C, Martin T. Contrast-Enhanced Mammography for Detection and Characterization of Invasive Lobular Carcinoma. <i>Can. Assoc. Radiol. J.</i> 2025. doi:10.1177/08465371251398520.
Karin, Amir	Karin A, Cheng C. Method choice for investigation of macrotroponin interference with the Siemens Atellica high sensitivity troponin I assay. <i>Clin. Biochem.</i> 2025;140:111004. doi:10.1016/j.clinbiochem.2025.111004. PMID:40907679.0.
Kleinman, Steven	Avelino-Silva VI, Stone M, Montalvo L, Germanio CD, Bakkour S, Lanteri MC, Grebe E, Custer B, Deng X, Buccheri R, Harrington K, Kleinman SH, et al. Improved HIV-1 RNA detection using whole blood versus plasma in antiretroviral-treated individuals. <i>J. Clin. Microbiol.</i> 2025;63(7). doi:10.1128/jcm.01904-24. PMID:40464602.0. Deng X, Di Germanio C, Marques de Menezes EG, Milani P, Stone M, Tanner H, Bakkour SC, Chafets DM, Reese SE, Roubinian NH, Kleinman S, Kanias T, et al. Donor genetics and storage conditions influence mitochondrial DNA and extracellular vesicle levels in RBC units. <i>JCI Insight</i>. 2025;10(14):e187792. doi:10.1172/jci.insight.187792. PMID:40493412.0. Dzieciatkowska M, Hay A, Issaian A, Keele GR, Bevers S, Nemkov T, Reisz JA, Maslanka M, Stephenson D, Moore AL, Deng X, Stone M, et al. Caffeine impairs red blood cell storage quality by dual inhibition of ADORA2b signaling and G6PD activity. <i>Haematologica</i>. 2025;111(3):861-875. doi:10.3324/haematol.2025.288332. PMID:40905089.0. Key AM, Earley EJ, Tzounakas VL, Anastasiadi AT, Nemkov T, Stephenson D, Dzieciatkowska M, Reisz JA, Keele GR, Deng X, Stone M, Kleinman S, et al. Red blood cell urate levels are linked to hemolysis in vitro and post-transfusion as a function of donor sex, population and genetic polymorphisms in SLC2A9 and ABCG2. <i>Transfusion</i>. 2025;65(3):560-574. doi:10.1111/trf.18140. PMID:39828898.0. Reisz JA, Earley EJ, Nemkov T, Key A, Stephenson D, Keele GR, Dzieciatkowska M, Spitalnik SL, Hod EA, Kleinman S, Roubinian NH, Gladwin MT, et al. Arginine metabolism is a biomarker of red blood cell and human aging. <i>Aging Cell</i>. 2025;24(2):e14388. doi:10.1111/acer.14388. PMID:39478346.0. Roubinian NH, Greene J, Spencer BR, Bravo M, Bruhn R, Saa P, Stone M, Custer B, Kleinman S, Liu VX, Norris PJ, Busch MP, et al. Blood donor SARS-CoV-2 infection or vaccination and adverse outcomes in plasma and platelet transfusion recipients. <i>Transfusion</i>. 2025;65(3):485-495. doi:10.1111/trf.18159. PMID:40012124.0.
Ko, Yen Chen Kevin	Hahn E, Weinreb I, Seethala RR, O'Regan E, Baumhoer D, Bilodeau EA, Gagan J, Sabatini PJB, Ko YCK, Binmadi N, McComb RJ, Leong IT, et al. Sialadenopapillary Ductal Tumors: Unifying the Spectrum of Sialadenoma Papilliferum-like Tumors With Low Malignant Potential. <i>Am. J. Surg. Pathol.</i> 2025;49(1):45-50. doi:10.1097/PAS.0000000000002325. PMID:39473274.0. Ko YCK, Dillon JK. Rethinking Dysplasia: A p53 Perspective. <i>J. Oral Maxillofac. Surg.</i> 2025;83(4):399-401. doi:10.1016/j.joms.2024.11.019. PMID:40180495.0.

	Rosic D, Khan ZA, Jackson-Boeters L, Darling MR, Chapman E, Lee L, Liu KYP, Ng TL, Ko YCK, McCord C. Utility of p53 and p16 immunohistochemistry in the diagnosis of human papillomavirus-associated oral epithelial dysplasia: a retrospective study of 105 patients. <i>Histopathology</i>. 2025;86(7):1082-1090. doi:10.1111/his.15413. PMID:39904595.0. Stojanov IJ, Liu KYP, Mccord C, Chang JY-F, Wang Y-P, Li C-C, Zhang L, Woo VL, Philipone EM, Patel PB, Magliocca KR, Leong I, et al. Consensus in Oral Epithelial Dysplasia Classification: A Comparative Analysis of H&E-stained Sections With and Without p53/p16 Immunohistochemistry. <i>Am. J. Surg. Pathol</i>. 2025;49(6):601-609. doi:10.1097/PAS.0000000000002385. PMID:40202378.0. Wei K, Almadani N, Torlakovic E, Haupt R, Anderson L, Crawford R, Focchi G, Gilks B, Horn L-C, Kellow M, Ko YCK, Ordi J, et al. Proficiency Testing of p53 Immunohistochemistry Pattern Read-out in Vulvar Biopsies Demonstrates Frequent Basal Overexpression Interpretation in TP53 Wild-type Cases. <i>Int. J. Gynecol. Pathol</i>. 2025;44(6):485-495. doi:10.1097/PGP.0000000000001111. PMID:40372938.0. Zhang L, Ng T, Hoang L, Ko YCK. Aberrant Cytoplasmic p53 Staining in Oral Squamous Cell Carcinoma and Dysplasia. <i>Am. J. Surg. Pathol</i>. 2025; Publish Ahead of Print. doi:10.1097/PAS.0000000000002471. PMID:40948372.0.
Korbelik, Mladen	Girotti AW, Korbelik M. Pro-tumor effects of nitric oxide from stress-upregulated inducible nitric oxide synthase in anti-tumor photodynamic therapy. <i>Photochem. Photobiol. Sci</i>. 2025;24(12):1983-1989. doi:10.1007/s43630-025-00817-5. PMID:41251969.0. Korbelik M, Heger M, Girotti AW. Participation of lipids in the tumor response to photodynamic therapy and its exploitation for therapeutic gain. <i>J. Lipid Res</i>. 2025;66(2):100729. doi:10.1016/j.jlr.2024.100729. PMID:39675508.0. Selbo PK, Korbelik M. Enhancing antitumour immunity with photodynamic therapy. <i>Photochem. Photobiol. Sci</i>. 2025;24(2):227-234. doi:10.1007/s43630-025-00690-2. PMID:39971873.0. Shah N, Quaye MB, Soma SR, Vadlamudi MS, Mahmoud D, Malkoochi A, Aileni TR, Bhandari C, Karambelkar K, Hasan T, Korbelik M, Fei B, et al. Fine-Tuning Photochemical Immunogenic Cell Death by a Panel of Verteporfin-Lipid Nanoparticles: A Data-Driven Approach. <i>Small Sci</i>. 2025;5(11):2500290. doi:10.1002/ssmc.202500290.
Kos, Zuzana	Kellow ZS, Alikhassi A, Bane A, Bissell MB, Cordeiro E, Dhamanaskar K, Jessup J, Kirwan RC, Ko G, Kos Z, Kulkarni A, Lambert CC, et al. Canadian Recommendations on Optimal Breast Biopsy Practices Developed Using a Modified Delphi Panel. <i>Can. Assoc. Radiol. J</i>. 2025;76(4):705-719. doi:10.1177/08465371251325500. PMID:40167651.0. Minkley M, Kos Z, Ung K, Wong P, Teng B, Tavassoli P. Infiltrative epitheliosis of the breast; a pitfall for pathologists, a case report and a review focusing on the diagnostic approach and interpretative pitfalls. <i>Histopathology</i>. 2025;86(2):311-313. doi:10.1111/his.15347. PMID:39403834.0. Riaz N, Chen BE, Bane A, Gao D, Stovgaard ES, Kos Z, Leung SC, Shenasa E, Parulekar W, Chambers S, Nielsen TO, Whelan TJ. Prognostic and predictive capacity of tumor infiltrating lymphocytes in the MA.20 regional node radiotherapy trial. <i>NPJ Breast Cancer</i>. 2025;11(1):97. doi:10.1038/s41523-025-00821-z. Shenasa E, He Y, Wang Z, Tu D, Gao D, Kos Z, Thornton S, Nielsen TO. Digital Profiling of Immune Biomarkers in Breast Cancer: Relation to Anthracycline Benefit. <i>Mod. Pathol</i>. 2025;38(5):100718. doi:10.1016/j.modpat.2025.100718. PMID:39863112.0.
Kwan, Amanda	Kwan A, Whyte M, McCullough K, Wenger M, Berinstein S, Morris J, Barbic S. The Need for a Sustainable System for Supported Employment: Expanding Individual Placement and Support (IPS) for Youth in Integrated Youth Services and Adults in Primary Healthcare. <i>Can. J. Community Ment. Health</i>. 2025;44(1):89-93. doi:10.7870/cjcmh-2025-007. Turuba R, Zenone M, Srivastava R, Stea J, Quintana Y, Ow N, Marchand K, Kwan A, Ong A-J, Ding X, Warren C, Marcon AR, et al. Do you have depression? A summative content analysis of mental health-related content on TikTok. <i>Digit. Health</i>. 2025;11. doi:10.1177/20552076241297062.
Lavergne, Valéry	Glassman H, Ahmed-Bentley J, Buckman R, Carbungco M, Fletcher C, Sy K, Wong J, Porter C, Desruisseaux C, Lavergne V, Liu S, Lieu A, et al. Impact of packed red blood cells versus fresh whole human blood on the growth of nutritionally variant streptococci and <i>Streptococcus anginosus</i> group during verification of the BACT/ALERT VIRTUO blood culture system. <i>J. Clin. Microbiol</i>. 2025;63(5). doi:10.1128/jcm.01987-24. PMID:40162793.0.
Lee, Anna	Fu MP, Sharma M, Yousefi P, Merrill SM, Tan R, Samra S, Setiadi A, Golding L, Modi BP, Del Bel KL, Deyell RJ, Rozmus J, et al. ASXL1 deficiency causes epigenetic dysfunction, combined immunodeficiency, and EBV-associated lymphoma. <i>J Exp Med</i>. 2025;222(10). doi:10.1084/jem.20240945. PMID:40742536.0.

	Lynch DC, Lee AF, Castle AMR. Early-Onset Macrosomia, Advanced Brain Maturation, and Gonadoblastoid Testicular Dysplasia in a Fetus With a PTEN Variant. <i>Prenat. Diagn.</i> 2025;45(4):572-575. doi:10.1002/pd.6765. PMID:39988627.0. Schollenberg E, Lee AF, Terry J. Placenta and Pregnancy-Related Diseases. <i>Gynecologic and Obstetric Pathology.</i> 2025;1653-1710. doi:10.1007/978-981-97-4822-8_15. Tucker DR, Lee AF, Orr NL, Alotaibi FT, Noga HL, Williams C, Allaire C, Bedaiwy MA, Huntsman DG, Köbel M, Anglesio MS, Yong PJ. Somatic PTEN and ARID1A loss and endometriosis disease burden: a longitudinal study. <i>Hum. Reprod.</i> 2025;40(2):296-309. doi:10.1093/humrep/deae269. PMID:39701665.0. Vaseghi-Shanjani M, Sharma M, Yousefi P, Samra S, Laverty KU, Jolma A, Razavi R, Yang AHW, Albu M, Golding L, Lee AF, Tan R, et al. A multimorphic variant in ThPOK causes an inborn error of immunity with T cell defects and fibrosis. <i>J Exp Med.</i> 2025;222(8). doi:10.1084/jem.20241174. PMID:40392549.0.
Lee, Christine	Kao D, Wong K, Lee C, Steiner T, Franz R, McDougall C, Silva M, Schmidt TSB, Walter J, Loeberberg R, Monaghan TM, Giebelhaus RT, et al. Effects of lyophilised faecal filtrate compared with lyophilised donor stool on <i>Clostridioides difficile</i> recurrence: a multicentre, randomised, double-blinded, non-inferiority trial. <i>Lancet Gastroenterol. Hepatol.</i> 2025;10(11):986-997. doi:10.1016/S2468-1253(25)00190-6. PMID:40997843.0. Lee C, Feuerstadt P, Louie T, Bancke L, Guthmueller B, Harvey A, Hoeyer F, Orenstein R, Dubberke ER, Khanna S. Integrated analysis of the safety of fecal microbiota, live-<i>jslm</i> in adults with recurrent <i>Clostridioides difficile</i> infection from five prospective clinical trials: an update. <i>Ther. Adv. Gastroenterol.</i> 2025;18:17562848251395566. doi:10.1177/17562848251395566. Shekarriz S, Szamosi JC, Whelan FJ, Lau JT, Libertucci J, Rossi L, Fontes ME, Wolfe M, Lee CH, Moayyedi P, Surette MG. Detecting microbial engraftment after FMT using placebo sequencing and culture enriched metagenomics to sort signals from noise. <i>Nat. Commun.</i> 2025;16(1):3469. doi:10.1038/s41467-025-58673-x. PMID:40216789.0.
Lee, Lik Hang	Saffarzadeh M, Alim BM, Hernaiz-Leonardo JC, Lee LH, Javer A. Syndrome of Inappropriate Antidiuretic Hormone Release Secondary to Ectopic Olfactory Neuroblastoma: Case Report and Review of Literature. <i>Ear Nose Throat J.</i> 2025;104(2):380S-385S. doi:10.1177/01455613231199696. PMID:37776288.0.
Levett, Paul	Márquez AC, Beitari S, Valadbeigy T, Sbihi H, Zlosnik J, Forward L, Mansour S, Nesbitt Z, Tanunliong G, Krajden M, Jassem A, Sekirov I, et al. COVID-19 serological survey utilizing antenatal serum samples in British Columbia. <i>Vaccine.</i> 2025;61:127310. doi:10.1016/j.vaccine.2025.127310. PMID:40472672.0.
Li, Lynne	Jassem AN, Roberts A, Tyson J, Zlosnik JEA, Russell SL, Caleta JM, Eckbo EJ, Gao R, Chestley T, Grant J, Uyeki TM, Prystajecy NA, et al. Critical Illness in an Adolescent with Influenza A(H5N1) Virus Infection. <i>New Engl. J. Med.</i> 2025;392(9):927-929. doi:10.1056/NEJMc2415890. PMID:39740022.0. Nelson H, Kayda I, Watson N, Kinshella M-LW, Cochrane J, Desai N, Dittrick M, Hoang L, Hawkes MT, Meckler G, Sabhaney V, Gubbay JB, et al. Combined oropharyngeal nasal (ON) swabs for the molecular detection of respiratory pathogens including <i>M. pneumoniae</i> in symptomatic children. <i>Microbiol. Spectr.</i> 2025;13(10):1-9. doi:10.1128/spectrum.02181-25. PMID:40937765.0. Prodanuk M, Barton M, Autmizguine J, Quee-Brown CS, Hui C, Khan S, Lashley PM, Lefebvre M-A, Li L, Leifso K, Mcalpine A, Mhapankar G, et al. Factors Associated With Pediatric COVID-19 Mortality: A Pediatric Investigators Collaborative Network on Infections in Canada (PICNIC) Study. <i>J. Pediatric Infect. Dis. Soc.</i> 2025;14(7):piaf068. doi:10.1093/jpids/piaf068. PMID:40693756.0.
Liu, Suefay Harumi	Glassman H, Ahmed-Bentley J, Buckman R, Carbungco M, Fletcher C, Sy K, Wong J, Porter C, Desruisseaux C, Laverne V, Liu S, Lieu A, et al. Impact of packed red blood cells versus fresh whole human blood on the growth of nutritionally variant streptococci and <i>Streptococcus anginosus</i> group during verification of the BACT/ALERT VIRTUO blood culture system. <i>J. Clin. Microbiol.</i> 2025;63(5). doi:10.1128/jcm.01987-24. PMID:40162793.0.
Locher, Kerstin	Belanger CR, Locher K, Velapatiño B, Charles MK. Detection of bacterial pathogens directly from synovial fluids using digital PCR: A proof of concept study. <i>Diagn. Microbiol. Infect. Dis.</i> 2025;112(1):116749. doi:10.1016/j.diagmicrobio.2025.116749. PMID:39986133.0. Locher K, Chan W, Chorlton SD, Gauthier NP, Belanger CR, Velapatin B, Manges AR, Hadzic A, Charles MK. Fourier transform infrared spectroscopy as a new tool to investigate <i>Clostridioides difficile</i> outbreaks: A proof-of-concept study. <i>J. Microbiol. Methods.</i> 2025;237:107230. doi:10.1016/j.mimet.2025.107230. PMID:40818638.0. Velapatiño B, Locher K, Belanger CR, Charles MK. <i>Mycobacterium tuberculosis</i> DNA detection in formalin-fixed paraffin-embedded tissue using Digital PCR: a proof-of-concept study. <i>Diagn. Microbiol. Infect. Dis.</i> 2025;111(3):116697. doi:10.1016/j.diagmicrobio.2025.116697. PMID:39904150.0.

Lowe, Christopher	Amaral G, Lo CK-F, Ritchie G, Bilawka J, Lowe CF, Romney MG, Jang W, Gowland L, Matic N, Payne M, Hoang L, Chorlton SD, et al. Evaluation of the NG-Test® CTX-M MULTI lateral flow immunoassay and genomic discovery of a blaCTX-M-27 variant with a premature stop codon. <i>Diagn. Microbiol. Infect. Dis.</i> 2025;113(4):117034. doi:10.1016/j.diagmicrobio.2025.117034. PMID:40753700.0.
	Amaral G, Lowe CF, Ritchie G, Broderick C, Payne M, Stefanovic A, Matic N, Gauthier NPG, Chorlton SD, Tang P, Romney MG. <i>Vibrio cholerae</i> cystitis following geothermal hot springs exposure in California. <i>Clin. Microbiol. Newsl.</i> 2025;52:17-20. doi:10.1016/j.clinmicnews.2025.06.004.
	Dahiya M, Tai T, Hussaini T, Ritchie G, Matic N, Yoshida EM, Lowe CF. Virological Response to Lamivudine and Tenofovir Treatment in a Mono-infected Chronic Hepatitis B Patient with Potential Tenofovir Resistance: A Case Report. <i>J. Clin. Transl. Hepatol.</i> 2025;13(1):84-87. doi:10.14218/JCTH.2024.00248.
	Hamze H, Payne M, Stefanovic A, Lowe CF, Romney MG, Matic N. <i>Helicobacter pylori</i> culture positivity and antimicrobial susceptibility profiles (Vancouver, Canada). <i>J. Antimicrob. Chemother.</i> 2025;80(6):1640-1646. doi:10.1093/jac/dkaf114. PMID:40202867.0.
	Leung V, Ritchie G, Stefanovic A, Lee C, Chorlton S, Matic N, Romney MG, Hayden A, Lowe CF. An Outbreak of Multidrug-Resistant <i>Shigella flexneri</i> Serotype 2a Among People Experiencing Homelessness in Vancouver. <i>Trop. Med. Infect. Dis.</i> 2025;10(5):120. doi:10.3390/tropicalmed10050120.
	Lowe CF, Ritchie G, Crestani C, Imperial M, Matic N, Payne M, Stefanovic A, Whellams D, Brisse S, Romney MG. Diphtheria Toxin–Producing <i>Corynebacterium ramonii</i> in Inner-City Population, Vancouver, British Columbia, Canada, 2019–2023. <i>Emerg. Infect. Dis.</i> 2025;31(2):323-327. doi:10.3201/eid3102.241472. PMID:39773277.0.
	Payne M, Ritchie G, Lawson T, Young M, Jang W, Stefanovic A, Romney MG, Matic N, Lowe CF. Evaluation of a next generation sequencing assay for Hepatitis B antiviral drug resistance on the oxford nanopore system. <i>J. Clin. Virol.</i> 2025;176:105762. doi:10.1016/j.jcv.2025.105762. PMID:39818134.0.
	Ritchie G, Mobini M, Malladi VS, Lawson T, Young M, Jang W, Mohammadi H, Payne M, Stefanovic A, Tang P, Romney MG, Holmes DT, et al. Interdisciplinary Collaboration to Develop a Custom Genomic Analysis Pipeline for the Clinical Laboratory: Hepatitis B Virus and Cytomegalovirus Antiviral Resistance Genotyping. <i>Clin. Chem.</i> 2025;71(11):1169-1175. doi:10.1093/clinchem/hvaf093. PMID:40839532.0.
	Schonhofer C, Bilawka J, Apperley S, Lowe CF, Payne M, Matic N, Leung V, Romney MG, Tang P, Stefanovic A. Xpert MTB/RIF Ultra performance on bronchial specimens in diagnosing pulmonary tuberculosis in Vancouver, Canada. <i>J. Med. Microbiol.</i> 2025;74(6):002022. doi:10.1099/jmm.0.002022. PMID:40476851.0.
	Schonhofer C, Lo CK-F, Owen DR, Aldhaferi K, Matic N, Lowe CF, Schaeffer DF, Belga S, Wright A. Utility of cytomegalovirus (CMV) qualitative polymerase chain reaction from gastrointestinal biopsies in diagnosis of CMV gastrointestinal disease: A 10-year retrospective study. <i>J. Clin. Virol.</i> 2025;181:105879. doi:10.1016/j.jcv.2025.105879. PMID:41086543.0.
	Stefanovic A, Alam ME, Matic N, Larnder A, Ritchie G, Gowland L, Chorlton SD, Lloyd-Smith E, Payne M, Dawar M, Vijn R, Leung V, et al. Increased Severity of Multidrug-Resistant <i>Shigella sonnei</i> Infections in People Experiencing Homelessness. <i>Clin. Infect. Dis.</i> 2025;80(2):339-346. doi:10.1093/cid/ciae575. PMID:39570865.0.
	Stefanovic A, Gowland L, Ritchie G, Lee C, Chorlton S, Matic N, Leung V, Payne M, Lowe CF, Romney MG. Mecillinam activity against multidrug-resistant <i>Shigella sonnei</i> and <i>Shigella flexneri</i> . <i>Microbiol. Spectr.</i> 2025;13(3). doi:10.1128/spectrum.01006-24. PMID:39918320.0.
	Xu MT, Wright A, Mah A, Matic N, Lowe C, Hong C, Belga S, Tsai W-YP. Real-World Use of Letermovir and Maribavir for CMV Prophylaxis and Treatment in Solid Organ Transplant Recipients: Clinical Outcomes and Resistance Patterns From a Dual-Center Cohort. <i>Pharmacotherapy.</i> 2025;45(12):815-824. doi:10.1002/phar.70086. PMID:41439370.0.
MacAulay, Calum	Brace E, Fung A, Tanskanen A, Malone J, MacAulay CE, Lane PM. Segmental airway adenocarcinoma-simulating phantom for endoscopic near-infrared optical coherence tomography. <i>J Biomed Opt.</i> 2025;30(10):105002. doi:10.1117/1.JBO.30.10.105002. PMID:41079209.0.
	Devnath L, Arora P, Carraro A, Korbek J, Keyes M, Wang G, Guillaud M, MacAulay C. Recognizing Epithelial Cells in Prostatic Glands Using Deep Learning. <i>Cells.</i> 2025;14(10):737. doi:10.3390/cells14100737. PMID:40422240.0.
	Devnath L, Janzen I, Lam S, Yuan R, MacAulay C. Predicting Future Lung Cancer Risk in Low-Dose CT Screening Patients with AI Tools. <i>Progr. Biomed. Opt. Imaging Proc. SPIE.</i> 2025;13407:134072L. doi:10.1117/12.3045828.
	Janzen I, Ho C, Melosky B, Ye Q, Li J, Wang G, Lam S, MacAulay C, Yuan R. Machine Learning and Computed Tomography Radiomics to Predict Disease Progression to Upfront Pembrolizumab Monotherapy in Advanced Non-Small-Cell Lung Cancer: A Pilot Study. <i>Cancers.</i> 2025;17(1):58. doi:10.3390/cancers17010058.

Mansour, Sarah	Andrew CL, McPhee L, Kuchinski KS, Wight J, Rahman I, Mansour S, Cortez GA, Kalhor M, Kenmuir E, Prystajecy N, Hargan K, Lang AS, et al. Bait trapping of waterfowl increases the environmental contamination of avian influenza virus (AIV). <i>J. Wildl. Manage.</i> 2025;89(3):e22720. doi:10.1002/jwmg.22720.
	Márquez AC, Beitari S, Valadbeigy T, Sbihi H, Zlosnik J, Forward L, Mansour S, Nesbitt Z, Tanunliiong G, Krajden M, Jassem A, Sekirov I, et al. COVID-19 serological survey utilizing antenatal serum samples in British Columbia. <i>Vaccine.</i> 2025;61:127310. doi:10.1016/j.vaccine.2025.127310. PMID:40472672.0.
	Treagus S, Kopetzky J, Tchao C, Chan T, Bishay F, Jeong HJ, Yu D, Kong A, Mansour SC, Prystajecy N. Norovirus trends in British Columbia from 2021 to 2022: the relationship between wastewater surveillance and clinical outbreak data during the COVID-19 pandemic. <i>Sci. Rep.</i> 2025;15(1):22614. doi:10.1038/s41598-025-06940-8. PMID:40596393.0.
Márquez, Ana Citlali	Márquez AC, Beitari S, Valadbeigy T, Sbihi H, Zlosnik J, Forward L, Mansour S, Nesbitt Z, Tanunliiong G, Krajden M, Jassem A, Sekirov I, et al. COVID-19 serological survey utilizing antenatal serum samples in British Columbia. <i>Vaccine.</i> 2025;61:127310. doi:10.1016/j.vaccine.2025.127310. PMID:40472672.0.
	Márquez AC, Tanunliiong G, Kabir M, Alam M, Hossain B, Rashid H, Jassem AN, Sekirov I, Haque R, Morshed M. Antibodies Against SARS-CoV-2 Do Not Cross-React with Endemic Coronaviruses in a Pediatric Population: Data from a Bangladesh Cohort. <i>Viruses.</i> 2025;17(2):161. doi:10.3390/v17020161. PMID:40006916.0.
	Tanunliiong G, Condin C, Márquez AC, Li S, Binning N, Gibson M, Griffiths B, Wright A, Money D, Krajden M, Morshed M, Jassem AN, et al. SARS-CoV-2 and HCoV IgG Antibodies in the Breast Milk of a Postpartum SARS-CoV-2 Patient Following Bamlanivimab Administration: A Case Report. <i>COVID.</i> 2025;5(8):123. doi:10.3390/covid5080123.
	Tanunliiong G, Márquez AC, Sbihi H, Pidduck T, Chang Y, Li FF, Luk D, Forward L, McClymont E, Elwood C, Krajden M, Jassem AN, et al. Serological evaluation of coronavirus IgA and IgG antibodies in a repeated cross-sectional cohort of unvaccinated and vaccinated pregnant individuals over three months following SARS-CoV-2 infection. <i>Microbiol. Spectr.</i> 2025;14(1):1-15. doi:10.1128/spectrum.02167-25. PMID:41347502.0.
Masud, Shazia	Lo CK-F, Mok M, Schonhofer C, Afra K, Masud S. Current Antimicrobial Susceptibility Trends and Clinical Outcomes of Typhoidal Salmonella in a Large Health Authority in British Columbia, Canada. <i>Trop. Med. Infect. Dis.</i> 2025;10(4):108. doi:10.3390/tropicalmed10040108.
	Werry D, Eshtiaghi P, Trippell LD, Masud S, Sekirov I, Mirzanejad Y, Wong PHP. Mycobacterium heckeshornense tenosynovitis: Case report and literature review. <i>Br. Columbia Med. J.</i> 2025;67(1):24-27.
Matic, Nancy	Amaral G, Lo CK-F, Ritchie G, Bilawka J, Lowe CF, Romney MG, Jang W, Gowland L, Matic N, Payne M, Hoang L, Chorlton SD, et al. Evaluation of the NG-Test® CTX-M MULTI lateral flow immunoassay and genomic discovery of a blaCTX-M-27 variant with a premature stop codon. <i>Diagn. Microbiol. Infect. Dis.</i> 2025;113(4):117034. doi:10.1016/j.diagmicrobio.2025.117034. PMID:40753700.0.
	Amaral G, Lowe CF, Ritchie G, Broderick C, Payne M, Stefanovic A, Matic N, Gauthier NPG, Chorlton SD, Tang P, Romney MG. Vibrio cholerae cystitis following geothermal hot springs exposure in California. <i>Clin. Microbiol. Newsl.</i> 2025;52:17-20. doi:10.1016/j.clinmicnews.2025.06.004.
	Dahiya M, Tai T, Hussaini T, Ritchie G, Matic N, Yoshida EM, Lowe CF. Virological Response to Lamivudine and Tenofovir Treatment in a Mono-infected Chronic Hepatitis B Patient with Potential Tenofovir Resistance: A Case Report. <i>J. Clin. Transl. Hepatol.</i> 2025;13(1):84-87. doi:10.14218/JCTH.2024.00248.
	Dobrer S, Sherwood KR, Davis K, Lan JH, Gill J, Matic N, Keown PA. Impact of viral load kinetics and recurrent cytomegalovirus infection in kidney transplantation. <i>Front. Immunol.</i> 2025;16:1600289. doi:10.3389/fimmu.2025.1600289. PMID:40861454.0.
	Hamze H, Payne M, Stefanovic A, Lowe CF, Romney MG, Matic N. Helicobacter pylori culture positivity and antimicrobial susceptibility profiles (Vancouver, Canada). <i>J. Antimicrob. Chemother.</i> 2025;80(6):1640-1646. doi:10.1093/jac/dkaf114. PMID:40202867.0.
	Leung V, Ritchie G, Stefanovic A, Lee C, Chorlton S, Matic N, Romney MG, Hayden A, Lowe CF. An Outbreak of Multidrug-Resistant Shigella flexneri Serotype 2a Among People Experiencing Homelessness in Vancouver. <i>Trop. Med. Infect. Dis.</i> 2025;10(5):120. doi:10.3390/tropicalmed10050120.
	Lowe CF, Ritchie G, Crestani C, Imperial M, Matic N, Payne M, Stefanovic A, Whellams D, Brisse S, Romney MG. Diphtheria Toxin–Producing Corynebacterium ramonii in Inner-City Population, Vancouver, British Columbia, Canada, 2019–2023. <i>Emerg. Infect. Dis.</i> 2025;31(2):323-327. doi:10.3201/eid3102.241472. PMID:39773277.0.
	Payne M, Ritchie G, Lawson T, Young M, Jang W, Stefanovic A, Romney MG, Matic N, Lowe CF. Evaluation of a next generation sequencing assay for Hepatitis B antiviral drug resistance on the oxford nanopore system. <i>J. Clin. Virol.</i> 2025;176:105762. doi:10.1016/j.jcv.2025.105762. PMID:39818134.0.

	Ritchie G, Mobini M, Malladi VS, Lawson T, Young M, Jang W, Mohammadi H, Payne M, Stefanovic A, Tang P, Romney MG, Holmes DT, et al. Interdisciplinary Collaboration to Develop a Custom Genomic Analysis Pipeline for the Clinical Laboratory: Hepatitis B Virus and Cytomegalovirus Antiviral Resistance Genotyping. <i>Clin. Chem.</i> 2025;71(11):1169-1175. doi:10.1093/clinchem/hvaf093. PMID:40839532.0. Schonhofer C, Bilawka J, Apperley S, Lowe CF, Payne M, Matic N, Leung V, Romney MG, Tang P, Stefanovic A. Xpert MTB/RIF Ultra performance on bronchial specimens in diagnosing pulmonary tuberculosis in Vancouver, Canada. <i>J. Med. Microbiol.</i> 2025;74(6):002022. doi:10.1099/jmm.0.002022. PMID:40476851.0. Schonhofer C, Lo CK-F, Owen DR, Aldaheri K, Matic N, Lowe CF, Schaeffer DF, Belga S, Wright A. Utility of cytomegalovirus (CMV) qualitative polymerase chain reaction from gastrointestinal biopsies in diagnosis of CMV gastrointestinal disease: A 10-year retrospective study. <i>J. Clin. Virol.</i> 2025;181:105879. doi:10.1016/j.jcv.2025.105879. PMID:41086543.0. Stefanovic A, Alam ME, Matic N, Larnder A, Ritchie G, Gowland L, Chorlton SD, Lloyd-Smith E, Payne M, Dawar M, Vijn R, Leung V, et al. Increased Severity of Multidrug-Resistant <i>Shigella sonnei</i> Infections in People Experiencing Homelessness. <i>Clin. Infect. Dis.</i> 2025;80(2):339-346. doi:10.1093/cid/ciae575. PMID:39570865.0. Stefanovic A, Gowland L, Ritchie G, Lee C, Chorlton S, Matic N, Leung V, Payne M, Lowe CF, Romney MG. Mecillinam activity against multidrug-resistant <i>Shigella sonnei</i> and <i>Shigella flexneri</i>. <i>Microbiol. Spectr.</i> 2025;13(3). doi:10.1128/spectrum.01006-24. PMID:39918320.0. Xu MT, Wright A, Mah A, Matic N, Lowe C, Hong C, Belga S, Tsai W-YP. Real-World Use of Letermovir and Maribavir for CMV Prophylaxis and Treatment in Solid Organ Transplant Recipients: Clinical Outcomes and Resistance Patterns From a Dual-Center Cohort. <i>Pharmacotherapy.</i> 2025;45(12):815-824. doi:10.1002/phar.70086. PMID:41439370.0.
Matthews, Allison	Fu MP, Sharma M, Yousefi P, Merrill SM, Tan R, Samra S, Setiadi A, Golding L, Modi BP, Del Bel KL, Deyell RJ, Rozmus J, et al. ASXL1 deficiency causes epigenetic dysfunction, combined immunodeficiency, and EBV-associated lymphoma. <i>J Exp Med.</i> 2025;222(10). doi:10.1084/jem.20240945. PMID:40742536.0. Ghovanloo M-R, Gershon C, van der Lee R, Drogemoller B, Zhang L, Matthews A, Blydt-Hansen I, Nikkel SM, Demos M, Wasserman WW, Ross CJ, van Karnebeek CD, et al. SCN3A-related neurodevelopmental disorder: Clinical case reports and biophysical characterization. <i>Channels.</i> 2025;19(1):2580175. doi:10.1080/19336950.2025.2580175. PMID:41165134.0. Inkster AM, Matthews AM, Phung TN, Plaisier SB, Wilson MA, Brown CJ, Robinson WP. Breaking rules: the complex relationship between DNA methylation and X-chromosome inactivation in the human placenta. <i>Biol. Sex Differ.</i> 2025;16(1):18. doi:10.1186/s13293-025-00696-6. PMID:40038810.0.
Mattman, André	Elnenaei MO, Thoni A, Mattman A. Degrowth in the clinical laboratory: A key step towards integrating planetary health into the healthcare system. <i>Clin. Biochem.</i> 2025;140:111029. doi:10.1016/j.clinbiochem.2025.111029. PMID:41101615.0. Langman LJ, Snozek CL, Mattman A. The pitfalls and significance of using ratios and calculated parameters in laboratory medicine. <i>Clin. Biochem.</i> 2025;137:110914. doi:10.1016/j.clinbiochem.2025.110914. PMID:40089175.0. Rowe S, Goubran M, Sarmiento Bustamante M, Shyamsundar S, Austin B, McNicholas K, Blommers M, Shi J, Peterson LK, Sepiashvili L, Mattman A, Brandstadter JD, et al. Ferritin, C-Reactive Protein, and Soluble CD25 Distinguish TAFRO From HLH. <i>Am. J. Hematol.</i> 2025;100(12):2421-2425. doi:10.1002/ajh.70081. PMID:41001767.0.
McGinnis, Eric	Xu Z, McGinnis E. AML with mutated TP53, therapy-related, with basophilic differentiation, partial CD22, and ring sideroblasts. <i>Blood.</i> 2025;146(14):1737-1737. doi:10.1182/blood.2025029483. PMID:41037297.0.
McRae, Susanna	Kishore A, McRae SA, Telio D, Beaulieu MC. Case report of glomerular histiocytosis associated with non-crystalline IgG-kappa paraproteinemia. <i>BMC Nephrol.</i> 2025;26(1):56. doi:10.1186/s12882-025-03986-8. PMID:39910484.0. Lee CYJ, Elliott MD, Lehman A, Farah M, McRae SA, Riaz M. Impaired Kidney Function With Kidney Tubular Vacuolization and Crystals in Adult Refsum Disease: A Case Report. <i>Kidney Med.</i> 2025;7(11):101107. doi:10.1016/j.xkme.2025.101107.
Mérette, Sandrine	Papsun D, Walton S, Mérette S, Krotulski A. Designer Fentanyl Precursors Leading the Way to New Fentanyl Analogs—The Case of ortho-Methylfentanyl. <i>Am. J. Forensic Med. Pathol.</i> 2025;46(4):365-367. doi:10.1097/PAF.0000000000001050. PMID:41243139.0.
Mohammad, Nissreen	Cochrane DR, Negri GL, Huvila J, Kalantari F, Farnell DA, Mohammad N, Thompson E, Yang W, Lum A, Spencer SE, Riley R, Jamieson A, et al. Proteomic analysis uncovers biological diversity in molecularly defined endometrial carcinomas. <i>Neoplasia.</i> 2025;69:101229. doi:10.1016/j.neo.2025.101229. PMID:40966993.0.

	Gibbard E, Cochrane DR, Sowamber R, Huvila J, Nitschke AS, Greening K, Chow C, Qin Y, Mohammad N, Farnell D, Lee WS, Gilks CB, et al. Oral contraceptive use is associated with a reduction in the physical size of fallopian tube p53 signatures. <i>Int. J. Gynecol. Cancer.</i> 2025;35(2):101635. doi:10.1016/j.ijgc.2025.101635. PMID:39921960.0.
Moodley, Jinesa	Moodley J, Chebib I. Emerging fusion-associated mesenchymal tumours: A tabular guide and appraisal of five 'novel' entities. <i>J. Clin. Pathol.</i> 2025;78(3):145-153. doi:10.1136/jcp-2024-209460. PMID:39304199.0.
Morrison, Douglas	Dhahan J, Morrison D, Shih AW, McDonald D, Chen R, Hao L, Rosinski K, Buchko S, Blake J, Rutherford A. Red blood cell inventory management: Insights from transfusion laboratory technologists in British Columbia, Canada. <i>Transfus. Med.</i> 2025;35(2):116-124. doi:10.1111/tme.13131. PMID:39961314.0. Lu HY, Vaseghi-Shanjani M, Lam AJ, Sharma M, Mohajeri A, Silva LBR, Gillies J, Yang GX, Lin S, Fu MP, Salman A, Rahmanian R, et al. A Germline Heterozygous Dominant Negative IKZF2 Variant Causing Syndromic Primary Immune Regulatory Disorder and ICHAD. <i>J. Clin. Immunol.</i> 2025;45(1):89. doi:10.1007/s10875-025-01882-2. PMID:40295428.0.
Morshed, Muhammad Golam	Couloigner I, Dizon C, Mak S, Dykstra E, Fraser E, Morshed M, Iwasawa S, Checkley S, Cork S. Mapping Ixodes pacificus and Borrelia burgdorferi Habitat Suitability Under Current and Mid-Century Climate in the Pacific Northwest (BC and WA). <i>Vector Borne Zoonotic Dis.</i> 2025;25(1):49-59. doi:10.1089/vbz.2024.0025. PMID:39092518.0. Malik A, Afshan K, Lee M-K, Razzaq A, Hussain M, Firasat S, Morshed M. Molecular diagnosis of tropical theileriosis: Development and validation of species-specific qPCR assays in Pakistan. <i>Exp. Parasitol.</i> 2025;278:109033. doi:10.1016/j.exppara.2025.109033. PMID:41047060.0. Morshed M, Vallée M, Zhou HY, Hasso M, Stein D, Tran V, Regmi A, Singh AE, Hayden K, Jindal S, Hatchette TF. Canadian Public Health Laboratory Network national syphilis in-laboratory serological testing recommendations. <i>JAMMI.</i> 2025;10(2):112-126. doi:10.3138/jammi-2024-0027. Morshed MG, Vijh R, Singal M, Hogan CA. What you need to know about California serogroup viruses. <i>Br. Columbia Med. J.</i> 2025;67(4):146-147. Márquez AC, Tanunliong G, Kabir M, Alam M, Hossain B, Rashid H, Jassem AN, Sekirov I, Haque R, Morshed M. Antibodies Against SARS-CoV-2 Do Not Cross-React with Endemic Coronaviruses in a Pediatric Population: Data from a Bangladesh Cohort. <i>Viruses.</i> 2025;17(2):161. doi:10.3390/v17020161. PMID:40006916.0. Siddique AB, Morshed MG, Haque MA, Austha MI, Hassan MM, Sultana S, Moni M, Hasan MM, Abdullah R, Hossain MK, Sikder MT. Assessment of Perceived HIV Vulnerability, Knowledge Regarding HIV Transmission, and Associated Sociodemographic Factors Among Urban Slum Dweller Adults in Bangladesh: A Cross-Sectional Study. <i>Heal. Sci. Rep.</i> 2025;8(10):e71311. doi:10.1002/hsr2.71311. Singh I, Lee M-K, Kon E, Chahil N, Cheung M, Hogan C, Morshed M. Molecular-based laboratory testing confer accuracy over microscopical testing for tick identification. <i>Int. J. Parasitol. Parasites Wildl.</i> 2025;26:101031. doi:10.1016/j.ijppaw.2024.101031. Tanunliong G, Condin C, Márquez AC, Li S, Binning N, Gibson M, Griffiths B, Wright A, Money D, Krajden M, Morshed M, Jassem AN, et al. SARS-CoV-2 and HCoV IgG Antibodies in the Breast Milk of a Postpartum SARS-CoV-2 Patient Following Bamlanivimab Administration: A Case Report. <i>COVID.</i> 2025;5(8):123. doi:10.3390/covid5080123.
Naso, Julia	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell.</i> 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0. Churg A, Spence T, Martin KC, Senz J, Yip S, Naso JR. CDKN2A Chromogenic in Situ Hybridization for Separating Benign from Malignant Mesothelial Proliferations. <i>Am. J. Surg. Pathol.</i> 2025;49(7):646-649. doi:10.1097/PAS.0000000000002395. PMID:40160119.0. Fitzsimmons K, Hughesman C, Pataky R, Weymann D, D'Amours M-F, Alex D, Ionescu DN, Melosky B, Carolan H, McNeil K, Ho C, McGuire A, et al. Ultrarapid EGFR Testing in Non-Small Cell Lung Carcinoma Patients: Findings From a Canadian Clinical Testing Workflow. <i>Lab. Investig.</i> 2025;105(12):104245. doi:10.1016/j.labinv.2025.104245. PMID:41005709.0. Naso JR, Jenkins SM, Vrana JA, Koepplin JW, Olivier KR, Cassivi SD, Molina JR, Roden AC. CD5 Immunoreactivity Is Associated With Longer Overall Survival in Thymic Carcinoma: A Brief Report. <i>JTO. Clin. Res. Rep.</i> 2025;6(5):100803. doi:10.1016/j.jtocrr.2025.100803. Zhang AW, Akbari V, Galbraith A, Kore Z, Li Y, Leung S, Ji JX, Dever K, MacIsaac J, Brewis H, Pan D, Kürten C, et al. Cross-Platform Methylation-Based Site of Origin Classification for Squamous Cell Carcinomas. <i>Mod. Pathol.</i> 2025;38(11):100878. doi:10.1016/j.modpat.2025.100878. PMID:40902853.0.

Nelson, Tanya	Aul RB, Canales KE, De Bie I, Laberge A-M, Langlois S, Nelson TN, Walji S, Yu AC, Lazier J, BAul R, ElizabethCanales K, DeBie I, et al. Reproductive carrier screening for genetic disorders: position statement of the Canadian College of Medical Geneticists. <i>J. Med. Genet.</i> 2025;62(12):758-766. doi:10.1136/jmg-2025-110871. PMID:40850740.0.
	Mackley MP, Richer J, Guerin A, Caluseriu O, Armstrong L, Blood KA, Bernier F, Boswell-Patterson C, Chard M, Costain G, Dymont D, Eaton A, et al. Mainstreaming of clinical genetic testing: A conceptual framework. <i>Gen. Med.</i> 2025;27(8):101465. doi:10.1016/j.gim.2025.101465. PMID:40417744.0.
Ng, Tony	Omar N, Yoshida A, Okuma HS, Ng T, Ramli F, Chen MF, Lee VKM. Primary mesenteric sarcoma with MGA::NUTM1 gene rearrangement: a case report and review on the emerging subset of NUTM1-rearranged neoplasms. <i>Pathology.</i> 2025;57(5):667-673. doi:10.1016/j.pathol.2025.01.004. PMID:40287277.0.
	Rosic D, Khan ZA, Jackson-Boeters L, Darling MR, Chapman E, Lee L, Liu KYP, Ng TL, Ko YCK, McCord C. Utility of p53 and p16 immunohistochemistry in the diagnosis of human papillomavirus-associated oral epithelial dysplasia: a retrospective study of 105 patients. <i>Histopathology.</i> 2025;86(7):1082-1090. doi:10.1111/his.15413. PMID:39904595.0.
	Sotiriou S, Chatzopoulos K, Charville GW, Bean GR, Michal M, Gross JM, Bridge JA, Gardner JM, Agaimy A, Ng TL, Cloutier JM, Saoud C, et al. Dermatofibrosarcoma protuberans with PDGFD rearrangements: a case series featuring a novel EMILIN1::PDGFD fusion and comprehensive literature review. <i>Virchows Arch.</i> 2025;487(2):349-361. doi:10.1007/s00428-025-04088-4. PMID:40167642.0.
	Wilson M, Hsia CC, Rowan K, Huang S-HS, Ng T, Zypchen LN, Bona R, Dehghan N, Chen LYC. Successful treatment of Kimura disease with Mycophenolate Mofetil: a report of two cases and review of the literature. <i>Rheumatol. Int.</i> 2025;45(9):224. doi:10.1007/s00296-025-05985-2. PMID:40924180.0.
	Zhang L, Ng T, Hoang L, Ko YCK. Aberrant Cytoplasmic p53 Staining in Oral Squamous Cell Carcinoma and Dysplasia. <i>Am. J. Surg. Pathol.</i> 2025;Publish Ahead of Print. doi:10.1097/PAS.0000000000002471. PMID:40948372.0.
Nicolson, Hamish	Lauriente T, Nicolson H, Merkeley H, Gador AE, Harris DJ. Toxocariasis in 62-year-old man with eosinophilia. <i>CMAJ.</i> 2025;197(42):E1449-E1454. doi:10.1503/cmaj.250714. PMID:41360630.0.
Nimmo, Michael	Gao Z-H, McMillan G, Wellington C, Cote H, Nimmo M, Huntsman D, Vercauteren S, Perrone L, Granville D, Laule C. From good to great: The journey of sustained academic improvement of a university department of pathology and laboratory medicine. <i>Acad. Pathol.</i> 2025;12(1):100159. doi:10.1016/j.acpath.2025.100159.
Nouri, Kazem	Nakhaei-Rad S, Pudewell S, Mirzaiebadizi A, Nouri K, Reichert D, Kordes C, Häussinger D, Ahmadian MR. From Quiescence to Activation: The Reciprocal Regulation of Ras and Rho Signaling in Hepatic Stellate Cells. <i>Cells.</i> 2025;14(9):674. doi:10.3390/cells14090674. PMID:40358198.0.
	Poudel P, Shapovalov I, Panday SK, Nouri K, Davies PL, Greer PA, Alexov E. In Silico Screening for Small Molecules to Alter Calpain Proteolysis through Modulating Conformation Changes Induced by Heterodimerization. <i>J. Chem. Inf. Model.</i> 2025;65(11):5528-5543. doi:10.1021/acs.jcim.5c00258. PMID:40392912.0.
	Shapovalov I, Rimal P, Poudel P, Lewtas V, Bell M, Panday SK, Laight BJ, Harper D, Grieve S, Baillie GS, Nouri K, Davies PL, et al. Quantification and structure–function analysis of calpain-1 and calpain-2 protease subunit interactions. <i>J. Biol. Chem.</i> 2025;301(6):110243. doi:10.1016/j.jbc.2025.110243. PMID:40383147.0.
Onell, Rodrigo	Shrestha P, Lohse H, Bhatla C, McCartney H, Alzaki A, Sandhu N, Oli PK, Chaudhary S, Amid A, Onell R, Au N, Merkeley H, et al. Evaluation of low-cost techniques to detect sickle cell disease and β -thalassemia: an open-label, international, multicentre study. <i>Lancet. Reg. Heal. Southeast. Asia.</i> 2025;35:100571. doi:10.1016/j.lansea.2025.100571.
Orton, Dennis	Grundy M, Leung AA, Hyrcza M, Pasieka JL, Chan D, Przybojewski SJ, So C-BB, Orton D, Harvey A, Kline GA. Discordance between adrenal vein sampling and imaging: the role of unilateral cortisol excess. <i>Eur. J. Endocrinol.</i> 2025;192(3):191-201. doi:10.1093/ajendo/lvaf019. PMID:39960854.0.
	Grundy MC, Leung AA, Pasieka JL, Harvey A, So CB, Caughlin CE, Przybojewski SJ, Orton DJ, Hyrcza M, Kline GA. Outcomes After Unilateral Adrenalectomy in Asymmetrical Bilateral Primary Aldosteronism. <i>Hypertension.</i> 2025;82(10):1612-1622. doi:10.1161/HYPERTENSIONAHA.125.24849. PMID:40961217.0.
	Hiroki CH, Hassanabad MF, Defaye M, Sarden N, Bartlett A, Farias R, Nguyen AP, Guerrero-Fonseca IM, Yoon G, Brown L, Ma C, Yang H, et al. Nociceptor neurons suppress alveolar macrophage-induced Siglec-F+ neutrophil-mediated inflammation to protect against pulmonary fibrosis. <i>Immunity.</i> 2025;58(8):2054-2068.e6. doi:10.1016/j.immuni.2025.05.002. PMID:40449484.0.
	Kline GA, Venos ES, Campbell D, Leung AA, Orton D. Big data determination and validation of reference range for 24-h urine cortisol by liquid chromatography-mass spectrometry. <i>Eur. J. Endocrinol.</i> 2025;192(4):327-334. doi:10.1093/ajendo/lvaf054. PMID:40091625.0.

	Klippel C, Park J, Sandin S, Winstone TML, Chen X, Orton D, Singh A, Hill JD, Shahbal TK, Hamacher E, Officer B, Thompson J, et al. Advancing Newborn Screening in Washington State: A Novel Multiplexed LC-MS/MS Proteomic Assay for Wilson Disease and Inborn Errors of Immunity. <i>Int. J. Neonatal Screen.</i> 2025;11(1):6. doi:10.3390/ijns11010006. Leung AA, Padwal RS, Hundemer GL, Venos E, Campbell DJT, Holmes DT, Orton DJ, So CB, Przybojewski SJ, Caughlin CE, Pasieka JL, Rabi DM, et al. Confirmatory Testing for Primary Aldosteronism A Study of Diagnostic Test Accuracy. <i>Ann. Intern. Med.</i> 2025;178(7):948-956. doi:10.7326/ANNALS-24-03153. PMID:40324193.0.
Owen, Daniel	Arif AA, Punnen S, Bleszynski M, Owen DR, Yoshida EM. Hepatic angiosarcoma in a patient treated with obeticholic acid for primary biliary cholangitis. <i>Hepatol. Forum.</i> 2025;6(2):69-71. doi:10.14744/hf.2024.2024.0035. Punnen S, Csizmok V, Frey C, Gilbert R, Schaeffer DF, Yip S, Marra MA, Laskin J, Bleszynski M, Owen DR. Non-Metastatic Pure Pancreatic Hepatoid Carcinoma with Genomic and Transcriptomic Analysis: A Case Report. <i>Case Rep. Oncol.</i> 2025;18(1):420-428. doi:10.1159/000544747. Schonhofer C, Lo CK-F, Owen DR, Aldhaheeri K, Matic N, Lowe CF, Schaeffer DF, Belga S, Wright A. Utility of cytomegalovirus (CMV) qualitative polymerase chain reaction from gastrointestinal biopsies in diagnosis of CMV gastrointestinal disease: A 10-year retrospective study. <i>J. Clin. Virol.</i> 2025;181:105879. doi:10.1016/j.jcv.2025.105879. PMID:41086543.0.
Palaty, Jan	Sun D, McLean D-MM, Palaty J, Konforte D. Leveraging supported liquid extraction and automated workflow for high efficiency and high quality clinical LC-MS/MS method for quantification of urinary 5-hydroxyindoleacetic acid (5-HIAA), vanillylmandelic acid (VMA) and homovanillic acid (HVA). <i>Clin. Chim. Acta.</i> 2025;566:120057. doi:10.1016/j.cca.2024.120057. PMID:39571774.0.
Patel, Prital	Hengel B, Guy RJ, Casey D, Anderson L, Smith K, Andrewartha K, Applegate TD, Saha A, Cunningham P, DeToca L, Rawlinson WD, Martinello M, et al. Decentralised COVID-19 molecular point-of-care testing: lessons from implementing a primary care-based network in remote Australian communities. <i>Med. J. Aust.</i> 2025;222(4):172-178. doi:10.5694/mja2.52589. PMID:39888019.0. Patel P, Carrington N, Lu H, Lafferty L, Ryder N, Slattery C, Avasalu R, Houghton R, Kenisberg A, McNulty A. Evaluation of a novel comprehensive sexual health e-testing pathway to inform state-wide roll out in new South Wales, Australia. <i>BMC Infect. Dis.</i> 2025;25(1):1062. doi:10.1186/s12879-025-11379-3. PMID:40855534.0.
Payne, Michael	Amaral G, Lo CK-F, Ritchie G, Bilawka J, Lowe CF, Romney MG, Jang W, Gowland L, Matic N, Payne M, Hoang L, Chorlton SD, et al. Evaluation of the NG-Test® CTX-M MULTI lateral flow immunoassay and genomic discovery of a blaCTX-M-27 variant with a premature stop codon. <i>Diagn. Microbiol. Infect. Dis.</i> 2025;113(4):117034. doi:10.1016/j.diagmicrobio.2025.117034. PMID:40753700.0. Amaral G, Lowe CF, Ritchie G, Broderick C, Payne M, Stefanovic A, Matic N, Gauthier NPG, Chorlton SD, Tang P, Romney MG. <i>Vibrio cholerae</i> cystitis following geothermal hot springs exposure in California. <i>Clin. Microbiol. Newsl.</i> 2025;52:17-20. doi:10.1016/j.clinmicnews.2025.06.004. Hamze H, Payne M, Stefanovic A, Lowe CF, Romney MG, Matic N. <i>Helicobacter pylori</i> culture positivity and antimicrobial susceptibility profiles (Vancouver, Canada). <i>J. Antimicrob. Chemother.</i> 2025;80(6):1640-1646. doi:10.1093/jac/dkaf114. PMID:40202867.0. Lowe CF, Ritchie G, Crestani C, Imperial M, Matic N, Payne M, Stefanovic A, Whellams D, Brisse S, Romney MG. Diphtheria Toxin–Producing <i>Corynebacterium ramonii</i> in Inner-City Population, Vancouver, British Columbia, Canada, 2019–2023. <i>Emerg. Infect. Dis.</i> 2025;31(2):323-327. doi:10.3201/eid3102.241472. PMID:39773277.0. Payne M, Ritchie G, Lawson T, Young M, Jang W, Stefanovic A, Romney MG, Matic N, Lowe CF. Evaluation of a next generation sequencing assay for Hepatitis B antiviral drug resistance on the Oxford Nanopore system. <i>J. Clin. Virol.</i> 2025;176:105762. doi:10.1016/j.jcv.2025.105762. PMID:39818134.0. Ritchie G, Mobini M, Malladi VS, Lawson T, Young M, Jang W, Mohammadi H, Payne M, Stefanovic A, Tang P, Romney MG, Holmes DT, et al. Interdisciplinary Collaboration to Develop a Custom Genomic Analysis Pipeline for the Clinical Laboratory: Hepatitis B Virus and Cytomegalovirus Antiviral Resistance Genotyping. <i>Clin. Chem.</i> 2025;71(11):1169-1175. doi:10.1093/clinchem/hvaf093. PMID:40839532.0. Schonhofer C, Bilawka J, Apperley S, Lowe CF, Payne M, Matic N, Leung V, Romney MG, Tang P, Stefanovic A. Xpert MTB/RIF Ultra performance on bronchial specimens in diagnosing pulmonary tuberculosis in Vancouver, Canada. <i>J. Med. Microbiol.</i> 2025;74(6):002022. doi:10.1099/jmm.0.002022. PMID:40476851.0. Stefanovic A, Alam ME, Matic N, Larnder A, Ritchie G, Gowland L, Chorlton SD, Lloyd-Smith E, Payne M, Dawar M, Vijn R, Leung V, et al. Increased Severity of Multidrug-Resistant <i>Shigella sonnei</i> Infections in People Experiencing Homelessness. <i>Clin. Infect. Dis.</i> 2025;80(2):339-346. doi:10.1093/cid/ciae575. PMID:39570865.0. Stefanovic A, Gowland L, Ritchie G, Lee C, Chorlton S, Matic N, Leung V, Payne M, Lowe CF, Romney MG. Mecillinam activity against multidrug-resistant <i>Shigella sonnei</i> and <i>Shigella flexneri</i>. <i>Microbiol. Spectr.</i> 2025;13(3). doi:10.1128/spectrum.01006-24. PMID:39918320.0.

Pors, Jennifer	Akbari A, Pors J, Lum A, Leung S, Cochrane D, Jamieson A, McAlpine J, Kommoss S, Huvila J, Huntsman D, Talhouk A, Singh N, et al. Papillary and ductal patterns of mesonephric-like adenocarcinomas are often overlooked: a retrospective revaluation of over 1000 endometrial carcinomas. <i>Histopathology</i> . 2025;86(6):862-877. doi:10.1111/his.15393. PMID:39687985.0.
	McHenry A, Monsrud A, Pors J, Folkins A, Longacre T, Hodan R. Prospective Fumarate Hydratase Tumor Predisposition Syndrome Screening in Patients With Uterine Smooth Muscle Tumors Age, Morphology, Fumarate Hydratase/S-(2-succino) Cysteine Immunohistochemistry, and Germline Testing. <i>Am. J. Surg. Pathol</i> . 2025;49(4):315-327. doi:10.1097/PAS.0000000000002362. PMID:39835370.0.
Prystajecy, Natalie	Andrew CL, McPhee L, Kuchinski KS, Wight J, Rahman I, Mansour S, Cortez GA, Kalhor M, Kenmuir E, Prystajecy N, Hargan K, Lang AS, et al. Bait trapping of waterfowl increases the environmental contamination of avian influenza virus (AIV). <i>J. Wildl. Manage</i> . 2025;89(3):e22720. doi:10.1002/jwmg.22720.
	Cabrera A, Lee T, Kolehmainen K, Hird T, Jorgensen D, Lo CK-F, Hamze H, O'Dwyer A, Fornika D, KhunKhun RK, Rodrigues M, Prystajecy N, et al. Series 2: Development of a Multiplex Amplicon Next Generation Sequencing Assay for Rapid Assessment of Resistance-Associated Mutations in <i>M. tuberculosis</i> Clinical Cases. <i>Trop. Med. Infect. Dis</i> . 2025;10(7):194. doi:10.3390/tropicalmed10070194.
	Harrigan SP, Fibke CD, Velásquez García HA, Mak S, Wilton J, Prystajecy N, Tyson J, Wang L, Sander B, Baral S, Mishra S, Janjua NZ, et al. The mediating role of SARS-CoV-2 variants between income and hospitalization due to COVID-19: a period-based mediation analysis. <i>Am. J. Epidemiol</i> . 2025;194(5):1352-1361. doi:10.1093/aje/kwae266. PMID:39117572.0.
	Himsworth CG, Caleta JM, Jassem AN, Yang KC, Zlosnik JEA, Tyson JR, Wilson L, Kuchinski KS, Giacinti J, Willie M, Redford TD, Winchester M, et al. Highly Pathogenic Avian Influenza A(H5N1) in Wild Birds and a Human, British Columbia, Canada, 2024. <i>Emerg. Infect. Dis</i> . 2025;31(6):1216-1221. doi:10.3201/eid3106.241862. PMID:40439499.0.
	Jassem AN, Roberts A, Tyson J, Zlosnik JEA, Russell SL, Caleta JM, Eckbo EJ, Gao R, Chestley T, Grant J, Uyeki TM, Prystajecy NA, et al. Critical Illness in an Adolescent with Influenza A(H5N1) Virus Infection. <i>New Engl. J. Med</i> . 2025;392(9):927-929. doi:10.1056/NEJMc2415890. PMID:39740022.0.
	Kuchinski KS, Tyson J, Lee T, Detmer S, Berhane Y, Burns T, Prystajecy NA, Himsworth CG. Detection of a Reassortant Swine- and Human-Origin H3N2 Influenza A Virus in Farmed Mink in British Columbia, Canada. <i>Zoonoses Public Health</i> . 2025;72(3):293-300. doi:10.1111/zph.13205. PMID:40178199.0.
	Lee T, Cabrera A, Kolehmainen K, Hird T, Jorgensen D, O'Dwyer A, Fornika D, KhunKhun RK, Rodrigues M, Prystajecy N, Tyson J, Sekirov I, et al. Series 1: The Use of hsp65- and erm(41)-Targeted Amplicon Sequencing in the Diagnostic Workflow for Non-Tuberculous Mycobacteria. <i>Trop. Med. Infect. Dis</i> . 2025;10(7):192. doi:10.3390/tropicalmed10070192.
	Li FF, Faber A, Caleta JM, Goldfarb DM, Sekirov I, Prystajecy NA, Srigley JA, Mishaal R, Jassem AN. Clinical Application of Phage Immunoprecipitation Sequencing to Diagnose Enterovirus D68 as the Underlying Etiology in a Case of Guillain-Barré Syndrome. <i>J. Infect. Dis</i> . 2025;231(2):490-494. doi:10.1093/infdis/jiae411. PMID:39215587.0.
	Nikiforuk AM, Xiu F, Mburu C, Adhikari B, Prystajecy NA, Russell SL, Jassem AN, Twohig KA, Singal M, Bobrow K, Mangat CS, Knox NC, et al. Spatiotemporal estimation of actively shedding mpox virus, clade IIb, cases using wastewater signals in British Columbia, Canada. <i>Environ. Int</i> . 2025;206:109922. doi:10.1016/j.envint.2025.109922. PMID:41297194.0.
Pyatibrat, Sergey	Treagus S, Kopetzky J, Tchao C, Chan T, Bishay F, Jeong HJ, Yu D, Kong A, Mansour SC, Prystajecy N. Norovirus trends in British Columbia from 2021 to 2022: the relationship between wastewater surveillance and clinical outbreak data during the COVID-19 pandemic. <i>Sci. Rep</i> . 2025;15(1):22614. doi:10.1038/s41598-025-06940-8. PMID:40596393.0.
	Liu Y, Esnakula AK, Jain S, Lin J, Panarelli N, Pyatibrat S, Karamchandani DM. Spectra of well-differentiated neuroendocrine lesions in the extrahepatic biliary system: a case series. <i>Histopathology</i> . 2025;86(2):285-293. doi:10.1111/his.15316. PMID:39267205.0.
Rakic, Bojana	De la Rosa SO, Rizzo V, Jauss R-T, Bartolomeaus T, Escolar M, Bernard G, Gavrilova R, Ahrens-Nicklas R, Lemire G, Boycott KM, Mercimek-Andrews S, Prontera P, et al. MBOAT7 encephalopathy: Characterizing the neurology and epileptology. <i>Epilepsia</i> . 2025;66(7):2379-2390. doi:10.1111/epi.18376. PMID:40116760.0.
	Li X, Yeganeh M, Sinclair G, Mwenifumbo J, Jacob KJ, Arbour L, Lehman A, Rakic B, Vaz FM, Horvath G, Tarailo-Graovac M, Stockler-Ipsiroglu S. Biallelic variants in BBOX1 cause L-Carnitine deficiency and elevated γ -butyrobetaine. <i>npj Genom. Med</i> . 2025;10(1):64. doi:10.1038/s41525-025-00523-2.

	Monteiro LB, Archambault A-S, Starchuk LF, Alcazar A, Oh JH, Dubland JA, Rakić B, Patterson AE, Verchere CB, Geltink RIK. Inhibition of xanthine oxidoreductase with febuxostat, but not allopurinol, prevents inflammasome assembly and IL-1β release. <i>Life Sci. Alliance</i>. 2025;8(8):e202403191. doi:10.26508/lsa.202403191. PMID:40399065.0.
Reyes, Romina	Kaweski SE, Separovic L, Ashfaq S, Chan YLE, BPharm HD, Henry B, Reyes RC, Hiebert J, Skowronski DM. Measles seroprevalence by birth cohort across the lifespan: a population-based, cross-sectional serosurvey in British Columbia, Canada. <i>CMAJ. Canadian Medical Association Journal</i>. 2025;197(34):E1099-E1107. doi:10.1503/cmaj.250788. PMID:41087048.0.
	Kowalewska-Grochowska K, Reyes R, Tomlin P. Parasitology of the twenty-first century: are we moving in the right direction? <i>J. Med. Microbiol</i>. 2025;74(9):002064. doi:10.1099/jmm.0.002064. PMID:40928839.0.
Riazy, Maziar	Adam BA, Watson K, Saini A, Dromparis P, Eberhart A, Churngchow W, Koduru S, Riazy M, Barbour SJ, Mengel M. Evaluation of Biopsy-Based Molecular Risk Prediction in Crescentic Glomerulonephritis. <i>Glomerular Dis</i>. 2025;454-469. doi:10.1159/000549541.
	Lee CYJ, Elliott MD, Lehman A, Farah M, McRae SA, Riazy M. Impaired Kidney Function With Kidney Tubular Vacuolization and Crystals in Adult Refsum Disease: A Case Report. <i>Kidney Med</i>. 2025;7(11):101107. doi:10.1016/j.xkme.2025.101107.
Ritchie, Gordon	Amaral G, Lo CK-F, Ritchie G, Bilawka J, Lowe CF, Romney MG, Jang W, Gowland L, Matic N, Payne M, Hoang L, Chorlton SD, et al. Evaluation of the NG-Test® CTX-M MULTI lateral flow immunoassay and genomic discovery of a blaCTX-M-27 variant with a premature stop codon. <i>Diagn. Microbiol. Infect. Dis</i>. 2025;113(4):117034. doi:10.1016/j.diagmicrobio.2025.117034. PMID:40753700.0.
	Amaral G, Lowe CF, Ritchie G, Broderick C, Payne M, Stefanovic A, Matic N, Gauthier NPG, Chorlton SD, Tang P, Romney MG. <i>Vibrio cholerae</i> cystitis following geothermal hot springs exposure in California. <i>Clin. Microbiol. Newsl</i>. 2025;52:17-20. doi:10.1016/j.clinmicnews.2025.06.004.
	Dahiya M, Tai T, Hussaini T, Ritchie G, Matic N, Yoshida EM, Lowe CF. Virological Response to Lamivudine and Tenofovir Treatment in a Mono-infected Chronic Hepatitis B Patient with Potential Tenofovir Resistance: A Case Report. <i>J. Clin. Transl. Hepatol</i>. 2025;13(1):84-87. doi:10.14218/JCTH.2024.00248.
	Leung V, Ritchie G, Stefanovic A, Lee C, Chorlton S, Matic N, Romney MG, Hayden A, Lowe CF. An Outbreak of Multidrug-Resistant <i>Shigella flexneri</i> Serotype 2a Among People Experiencing Homelessness in Vancouver. <i>Trop. Med. Infect. Dis</i>. 2025;10(5):120. doi:10.3390/tropicalmed10050120.
	Lowe CF, Ritchie G, Crestani C, Imperial M, Matic N, Payne M, Stefanovic A, Whellams D, Brisse S, Romney MG. Diphtheria Toxin–Producing <i>Corynebacterium ramonii</i> in Inner-City Population, Vancouver, British Columbia, Canada, 2019–2023. <i>Emerg. Infect. Dis</i>. 2025;31(2):323-327. doi:10.3201/eid3102.241472. PMID:39773277.0.
	Payne M, Ritchie G, Lawson T, Young M, Jang W, Stefanovic A, Romney MG, Matic N, Lowe CF. Evaluation of a next generation sequencing assay for Hepatitis B antiviral drug resistance on the oxford nanopore system. <i>J. Clin. Virol</i>. 2025;176:105762. doi:10.1016/j.jcv.2025.105762. PMID:39818134.0.
	Ritchie G, Mobini M, Malladi VS, Lawson T, Young M, Jang W, Mohammadi H, Payne M, Stefanovic A, Tang P, Romney MG, Holmes DT, et al. Interdisciplinary Collaboration to Develop a Custom Genomic Analysis Pipeline for the Clinical Laboratory: Hepatitis B Virus and Cytomegalovirus Antiviral Resistance Genotyping. <i>Clin. Chem</i>. 2025;71(11):1169-1175. doi:10.1093/clinchem/hvaf093. PMID:40839532.0.
	Stefanovic A, Alam ME, Matic N, Larnder A, Ritchie G, Gowland L, Chorlton SD, Lloyd-Smith E, Payne M, Dawar M, Vijn R, Leung V, et al. Increased Severity of Multidrug-Resistant <i>Shigella sonnei</i> Infections in People Experiencing Homelessness. <i>Clin. Infect. Dis</i>. 2025;80(2):339-346. doi:10.1093/cid/ciae575. PMID:39570865.0.
	Stefanovic A, Gowland L, Ritchie G, Lee C, Chorlton S, Matic N, Leung V, Payne M, Lowe CF, Romney MG. Mecillinam activity against multidrug-resistant <i>Shigella sonnei</i> and <i>Shigella flexneri</i>. <i>Microbiol. Spectr</i>. 2025;13(3). doi:10.1128/spectrum.01006-24. PMID:39918320.0.
Rodriguez-Capote, Karina	Beriault DR, Chen Y, Yip P, Blasutig I, Bhayana V, Rutledge AC, Parker M, Kinniburgh D, Thomas D, Colbourne P, Langman L, Delaney SR, et al. Choosing Wisely Canada recommendations for clinical biochemistry: test ordering for sustainable and high-quality patient care. <i>Clin. Biochem</i>. 2025;138:110951. doi:10.1016/j.clinbiochem.2025.110951. PMID:40409393.0.
	Higgins V, Chen Y, Freedman MS, Rodriguez-Capote K, Beriault DR. A review of laboratory practices for CSF oligoclonal banding and associated tests. <i>Crit. Rev. Clin. Lab. Sci</i>. 2025;62(5):363-385. doi:10.1080/10408363.2025.2490166. PMID:40254719.0.
	Olayinka L, Chen Y, Rodriguez-Capote K, Gifford JL, Buch C, Weber S, Parker ML, Volodko N, Estey MP, Proctor D, Newbigging A, Bordeleau P, et al. Oligoclonal banding analysis: assessing plasma use and time interval requirements for paired CSF and blood. <i>Clin. Chem. Lab. Med</i>. 2025;63(11):e250-e253. doi:10.1515/ccm-2025-0649. PMID:40560807.0.

Roland, Kristine	Xu Z, Roland K. Megakaryocyte mitotic figures in de novo AML, myelodysplasia related, with STAG2, SRSF2, and ASXL1 comutations. <i>Blood</i> . 2025;145(12):1333. doi:10.1182/blood.2024027590.
	Xu Z, Roland K. Megakaryocyte mitotic figures in de novo AML, myelodysplasia related, with STAG2, SRSF2, and ASXL1 comutations. <i>Hematology</i> . 2025;145(12):1333. doi:10.1182/blood.2024027590. PMID:40111333.0.
Romney, Marc	Amaral G, Lo CK-F, Ritchie G, Bilawka J, Lowe CF, Romney MG, Jang W, Gowland L, Matic N, Payne M, Hoang L, Chorlton SD, et al. Evaluation of the NG-Test® CTX-M MULTI lateral flow immunoassay and genomic discovery of a blaCTX-M-27 variant with a premature stop codon. <i>Diagn. Microbiol. Infect. Dis.</i> 2025;113(4):117034. doi:10.1016/j.diagmicrobio.2025.117034. PMID:40753700.0.
	Amaral G, Lowe CF, Ritchie G, Broderick C, Payne M, Stefanovic A, Matic N, Gauthier NPG, Chorlton SD, Tang P, Romney MG. <i>Vibrio cholerae</i> cystitis following geothermal hot springs exposure in California. <i>Clin. Microbiol. Newsl.</i> 2025;52:17-20. doi:10.1016/j.clinmicnews.2025.06.004.
	Hamze H, Payne M, Stefanovic A, Lowe CF, Romney MG, Matic N. <i>Helicobacter pylori</i> culture positivity and antimicrobial susceptibility profiles (Vancouver, Canada). <i>J. Antimicrob. Chemother.</i> 2025;80(6):1640-1646. doi:10.1093/jac/dkaf114. PMID:40202867.0.
	Leung V, Ritchie G, Stefanovic A, Lee C, Chorlton S, Matic N, Romney MG, Hayden A, Lowe CF. An Outbreak of Multidrug-Resistant <i>Shigella flexneri</i> Serotype 2a Among People Experiencing Homelessness in Vancouver. <i>Trop. Med. Infect. Dis.</i> 2025;10(5):120. doi:10.3390/tropicalmed10050120.
	Lowe CF, Ritchie G, Crestani C, Imperial M, Matic N, Payne M, Stefanovic A, Whellams D, Brisse S, Romney MG. Diphtheria Toxin–Producing <i>Corynebacterium ramonii</i> in Inner-City Population, Vancouver, British Columbia, Canada, 2019–2023. <i>Emerg. Infect. Dis.</i> 2025;31(2):323-327. doi:10.3201/eid3102.241472. PMID:39773277.0.
	Payne M, Ritchie G, Lawson T, Young M, Jang W, Stefanovic A, Romney MG, Matic N, Lowe CF. Evaluation of a next generation sequencing assay for Hepatitis B antiviral drug resistance on the oxford nanopore system. <i>J. Clin. Virol.</i> 2025;176:105762. doi:10.1016/j.jcv.2025.105762. PMID:39818134.0.
	Ritchie G, Mobini M, Malladi VS, Lawson T, Young M, Jang W, Mohammadi H, Payne M, Stefanovic A, Tang P, Romney MG, Holmes DT, et al. Interdisciplinary Collaboration to Develop a Custom Genomic Analysis Pipeline for the Clinical Laboratory: Hepatitis B Virus and Cytomegalovirus Antiviral Resistance Genotyping. <i>Clin. Chem.</i> 2025;71(11):1169-1175. doi:10.1093/clinchem/hvaf093. PMID:40839532.0.
	Schonhofer C, Bilawka J, Apperley S, Lowe CF, Payne M, Matic N, Leung V, Romney MG, Tang P, Stefanovic A. Xpert MTB/RIF Ultra performance on bronchial specimens in diagnosing pulmonary tuberculosis in Vancouver, Canada. <i>J. Med. Microbiol.</i> 2025;74(6):002022. doi:10.1099/jmm.0.002022. PMID:40476851.0.
	Stefanovic A, Alam ME, Matic N, Larnder A, Ritchie G, Gowland L, Chorlton SD, Lloyd-Smith E, Payne M, Dawar M, Vijh R, Leung V, et al. Increased Severity of Multidrug-Resistant <i>Shigella sonnei</i> Infections in People Experiencing Homelessness. <i>Clin. Infect. Dis.</i> 2025;80(2):339-346. doi:10.1093/cid/ciae575. PMID:39570865.0.
	Stefanovic A, Gowland L, Ritchie G, Lee C, Chorlton S, Matic N, Leung V, Payne M, Lowe CF, Romney MG. Mecillinam activity against multidrug-resistant <i>Shigella sonnei</i> and <i>Shigella flexneri</i> . <i>Microbiol. Spectr.</i> 2025;13(3). doi:10.1128/spectrum.01006-24. PMID:39918320.0.
Rosin, Miriam Pearl	Siriruchatanon M, Brooks ER, Kerr AR, Laronde DM, Rosin MP, Kang SK. Simulation Modeling of Oral Cancer Development with Risk Stratification: How Potential Screening Programs Can Be Evaluated. <i>MDM Policy Pract.</i> 2025;10(2):23814683251353226. doi:10.1177/23814683251353226.
	Yim IS, Zhang L, Rock LD, Rosin MP, Lin I, Laronde DM. A Longitudinal Study of E-Cadherin and Beta-Catenin in Progression of Oral Epithelial Dysplasia. <i>J. Oral Pathol. Med.</i> 2025;54(5):334-342. doi:10.1111/jop.13622. PMID:40106899.0.
Russell, Shannon	Himsworth CG, Caleta JM, Jassem AN, Yang KC, Zlosnik JEA, Tyson JR, Wilson L, Kuchinski KS, Giacinti J, Willie M, Redford TD, Winchester M, et al. Highly Pathogenic Avian Influenza A(H5N1) in Wild Birds and a Human, British Columbia, Canada, 2024. <i>Emerg. Infect. Dis.</i> 2025;31(6):1216-1221. doi:10.3201/eid3106.241862. PMID:40439499.0.
	Jassem AN, Roberts A, Tyson J, Zlosnik JEA, Russell SL, Caleta JM, Eckbo EJ, Gao R, Chestley T, Grant J, Uyeki TM, Prystajecy NA, et al. Critical Illness in an Adolescent with Influenza A(H5N1) Virus Infection. <i>New Engl. J. Med.</i> 2025;392(9):927-929. doi:10.1056/NEJMc2415890. PMID:39740022.0.
	Nikiforuk AM, Xiu F, Mburu C, Adhikari B, Prystajecy NA, Russell SL, Jassem AN, Twohig KA, Singal M, Bobrow K, Mangat CS, Knox NC, et al. Spatiotemporal estimation of actively shedding mpox virus, clade 11b, cases using wastewater signals in British Columbia, Canada. <i>Environ. Int.</i> 2025;206:109922. doi:10.1016/j.envint.2025.109922. PMID:41297194.0.

Sabatini, Peter J.b.	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell</i> . 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0.
	Ghazali N, Rabey MR, Le L, Safi M, Pettengell C, Nguyen M, Muzychenko M, Aviv S, Paleja S, Ghumman N, Ahmed A, Bradbury PA, et al. Corrigendum to "PP01.28 Expanding the Impact of Liquid Biopsies in patients with newly diagnosed advanced lung cancer (Expandinglung)" [J Liq Biopsy 5 (2024) e1–e32 100206] (The Journal of Liquid Biopsy (2024) 5(S), (S2950195424000389)). <i>J. Liq. Biopsy</i> . 2025;8:100302. doi:10.1016/j.jlb.2025.100302.
	Hahn E, Weinreb I, Seethala RR, O'Regan E, Baumhoer D, Bilodeau EA, Gagan J, Sabatini PJB, Ko YCK, Binmadi N, McComb RJ, Leong IT, et al. Sialadenopapillary Ductal Tumors: Unifying the Spectrum of Sialadenoma Papilliferum-like Tumors With Low Malignant Potential. <i>Am. J. Surg. Pathol</i> . 2025;49(1):45-50. doi:10.1097/PAS.0000000000002325. PMID:39473274.0.
	Ishak CA, Marhon SA, Tchakian N, Hodgson A, Yau HL, Gonzaga IM, Peralta M, Lungu IM, Gomez S, Liang S-B, Shen SY, Chen R, et al. Chronic Viral Mimicry Induction following p53 Loss Promotes Immune Evasion. <i>Cancer Discov</i> . 2025;15(4):793-817. doi:10.1158/2159-8290.CD-24-0094. PMID:39776167.0.
	Ridd S, Peck L, Bankar A, Charames GS, Lerner-Ellis J, Mahajan R, Sabatini PJB, Wong A, Malcolmson J, Kim RH. Myelodysplastic syndrome diagnosed by genetic testing for hereditary cancer: a case report. <i>npj Genom. Med</i> . 2025;10(1):39. doi:10.1038/s41525-025-00476-6.
	Sabatini P, Ta R, Peralta M, Anderson M, Khan S, Belcastro R, Arruda A, Minden MD, Cabanero M, Prica A, Zhang T, Kridel R, et al. Tissue Prior to the Initial Hematoxylin-Eosin Section Demonstrates Value as an Alternative Source of DNA for Molecular Testing. <i>Arch. Pathol. Lab. Med</i> . 2025;149(8):761-768. doi:10.5858/arpa.2024-0222-OA. PMID:39786946.0.
	Sabatini P, Zhang T, Boruvka N, Kim HS, Feilotter H, Stockley T, Chen C, Xia D. Methylation-based droplet digital polymerase chain reaction shows high concordance with chronic lymphocytic leukemia IGHV somatic mutation status. <i>Am. J. Clin. Pathol</i> . 2025;164(3):474-483. doi:10.1093/ajcp/aqaf075. PMID:40734655.0.
	Sabatini PJB, Bridgers J, Huang S, Downs G, Zhang T, Sheen C, Park N, Kridel R, Marra MA, Steidl C, Scott DW, Karsan A. Multisite clinical cross-validation and variant interpretation of a next generation sequencing panel for lymphoid cancer prognostication. <i>J. Clin. Pathol</i> . 2025;78(3):187-194. doi:10.1136/jcp-2023-209262. PMID:38182402.0.
	Sanabria-Salas MC, Anggala NC, Gillies B, Farncombe KM, Hofstedter R, Peck L, Purnaghshband H, Redondo L, Thain E, Xu W, Sabatini P, Bedard PL, et al. Clinical integration of germline findings from a tumor testing precision medicine program. <i>BMC Cancer</i> . 2025;25(1):176. doi:10.1186/s12885-025-13487-4. PMID:39885482.0.
Schlade-Bartusiak, Kamilla	Ul Haq S, Aamir A, Mighton C, Hueniken K, Philip V, Kim RH, Liu G, Sabatini P, Bratman SV, Lok BH. Pathogenic germline variants in small cell lung cancer: A systematic review and meta-analysis. <i>Hum. Genet. Genom. Adv</i> . 2025;6(3):100445. doi:10.1016/j.xhgg.2025.100445. PMID:40308030.0.
	Dada S, Akbari V, Hejla D, Shen Y, Dixon K, Choufani S, Weksberg RA, Boerkoel CF, Stewart L, Schlade-Bartusiak K, Strong E, Fox D, et al. Using long-read sequencing to detect and subtype a case with Temple syndrome. <i>J. Med. Genet</i> . 2025;62(8):502-507. doi:10.1136/jmg-2024-110262. PMID:40447311.0.
Sekirov, Inna	Cabrera A, Lee T, Kolehmainen K, Hird T, Jorgensen D, Lo CK-F, Hamze H, O'Dwyer A, Fornika D, KhunKhun RK, Rodrigues M, Prystajecy N, et al. Series 2: Development of a Multiplex Amplicon Next Generation Sequencing Assay for Rapid Assessment of Resistance-Associated Mutations in M. tuberculosis Clinical Cases. <i>Trop. Med. Infect. Dis</i> . 2025;10(7):194. doi:10.3390/tropicalmed10070194.
	Lee T, Cabrera A, Kolehmainen K, Hird T, Jorgensen D, O'Dwyer A, Fornika D, KhunKhun RK, Rodrigues M, Prystajecy N, Tyson J, Sekirov I, et al. Series 1: The Use of hsp65- and erm(41)-Targeted Amplicon Sequencing in the Diagnostic Workflow for Non-Tuberculous Mycobacteria. <i>Trop. Med. Infect. Dis</i> . 2025;10(7):192. doi:10.3390/tropicalmed10070192.
	Li FF, Faber A, Caleta JM, Goldfarb DM, Sekirov I, Prystajecy NA, Srigley JA, Mishaal R, Jassem AN. Clinical Application of Phage Immunoprecipitation Sequencing to Diagnose Enterovirus D68 as the Underlying Etiology in a Case of Guillain-Barré Syndrome. <i>J. Infect. Dis</i> . 2025;231(2):490-494. doi:10.1093/infdis/jiae411. PMID:39215587.0.
	Muir P, Cook VJ, Sekirov I, Johnston J, Connors WJ. Treatment of drug-resistant tuberculosis with bedaquiline, pretomanid, linezolid with or without moxifloxacin (BPaL/M): Feasibility and implementation challenges in western Canada. <i>JAMMI</i> . 2025;10(2):192-202. doi:10.3138/jammi-2024-0034.
	Márquez AC, Beitari S, Valadbeigy T, Sbihi H, Zlosnik J, Forward L, Mansour S, Nesbitt Z, Tanunliong G, Krajden M, Jassem A, Sekirov I, et al. COVID-19 serological survey utilizing antenatal serum samples in British Columbia. <i>Vaccine</i> . 2025;61:127310. doi:10.1016/j.vaccine.2025.127310. PMID:40472672.0.

	Márquez AC, Tanunliong G, Kabir M, Alam M, Hossain B, Rashid H, Jassem AN, Sekirov I, Haque R, Morshed M. Antibodies Against SARS-CoV-2 Do Not Cross-React with Endemic Coronaviruses in a Pediatric Population: Data from a Bangladesh Cohort. <i>Viruses</i>. 2025;17(2):161. doi:10.3390/v17020161. PMID:40006916.0. Tanunliong G, Condin C, Márquez AC, Li S, Binning N, Gibson M, Griffiths B, Wright A, Money D, Kraiden M, Morshed M, Jassem AN, et al. SARS-CoV-2 and HCoV IgG Antibodies in the Breast Milk of a Postpartum SARS-CoV-2 Patient Following Bamlanivimab Administration: A Case Report. <i>COVID</i>. 2025;5(8):123. doi:10.3390/covid5080123. Tanunliong G, Márquez AC, Sbihi H, Pidduck T, Chang Y, Li FF, Luk D, Forward L, McClymont E, Elwood C, Kraiden M, Jassem AN, et al. Serological evaluation of coronavirus IgA and IgG antibodies in a repeated cross-sectional cohort of unvaccinated and vaccinated pregnant individuals over three months following SARS-CoV-2 infection. <i>Microbiol. Spectr.</i> 2025;14(1):1-15. doi:10.1128/spectrum.02167-25. PMID:41347502.0. Werry D, Eshtiaghi P, Trippell LD, Masud S, Sekirov I, Mirzanejad Y, Wong PHP. Mycobacterium heckeshornense tenosynovitis: Case report and literature review. <i>Br. Columbia Med. J.</i> 2025;67(1):24-27.
Setiadi, Audi Francesca	Fu MP, Sharma M, Yousefi P, Merrill SM, Tan R, Samra S, Setiadi A, Golding L, Modi BP, Del Bel KL, Deyell RJ, Rozmus J, et al. ASXL1 deficiency causes epigenetic dysfunction, combined immunodeficiency, and EBV-associated lymphoma. <i>J Exp Med</i>. 2025;222(10). doi:10.1084/jem.20240945. PMID:40742536.0. Lu HY, Vaseghi-Shanjani M, Lam AJ, Sharma M, Mohajeri A, Silva LBR, Gillies J, Yang GX, Lin S, Fu MP, Salman A, Rahmanian R, et al. A Germline Heterozygous Dominant Negative IKZF2 Variant Causing Syndromic Primary Immune Regulatory Disorder and ICHAD. <i>J. Clin. Immunol.</i> 2025;45(1):89. doi:10.1007/s10875-025-01882-2. PMID:40295428.0.
Shapiro, Aaron	Cheng AP, Dhavarasa P, van Heeswyk J, Richards SM, Li X, Shapiro AM, Wells PG. Oxidatively damaged DNA in DNA repair-deficient and ethanol-exposed fetal brains induces gene dysregulation and mitochondrial dysfunction associated with neurodevelopmental disorders. <i>Redox Biol.</i> 2025;87:103856. doi:10.1016/j.redox.2025.103856. PMID:40972158.0. Ramkissoon A, Shapiro AM, Loniewska MM, Wells PG. Neurodegeneration from drugs and aging-derived free radicals. <i>Mol. Basis of Oxidative Stress: Chem., Toxicol., Disease Pathog., Diagn., and Ther.: Second Edit.</i> 2025:247-319. doi:10.1002/9781119790419.ch10.
Sherwood, Karen	Dobrer S, Sherwood KR, Davis K, Lan JH, Gill J, Matic N, Keown PA. Impact of viral load kinetics and recurrent cytomegalovirus infection in kidney transplantation. <i>Front. Immunol.</i> 2025;16:1600289. doi:10.3389/fimmu.2025.1600289. PMID:40861454.0. Harriman D, Ng A, Bronowski M, Kazakov H, Nguan C, Dang T, Sherwood K, Miller A, Lange D. Characterizing the urobiome and associated metabolic profiles during acute rejection in renal transplant patients: A pilot study. <i>Transplant Immunol.</i> 2025;89:102170. doi:10.1016/j.trim.2024.102170. PMID:39778631.0.
Shi, Junyan	Rowe S, Goubran M, Sarmiento Bustamante M, Shyamsundar S, Austin B, McNicholas K, Blommers M, Shi J, Peterson LK, Sepiashvili L, Mattman A, Brandstadter JD, et al. Ferritin, C-Reactive Protein, and Soluble CD25 Distinguish TAFRO From HLH. <i>Am. J. Hematol.</i> 2025;100(12):2421-2425. doi:10.1002/ajh.70081. PMID:41001767.0.
Shirsat, Hemlata	Stojanov IJ, Liu KYP, Mccord C, Chang JY-F, Wang Y-P, Li C-C, Zhang L, Woo VL, Philipone EM, Patel PB, Magliocca KR, Leong I, et al. Consensus in Oral Epithelial Dysplasia Classification: A Comparative Analysis of H&E-stained Sections With and Without p53/p16 Immunohistochemistry. <i>Am. J. Surg. Pathol.</i> 2025;49(6):601-609. doi:10.1097/PAS.0000000000002385. PMID:40202378.0.
Shopsowitz, Kevin	Fu MP, Sharma M, Yousefi P, Merrill SM, Tan R, Samra S, Setiadi A, Golding L, Modi BP, Del Bel KL, Deyell RJ, Rozmus J, et al. ASXL1 deficiency causes epigenetic dysfunction, combined immunodeficiency, and EBV-associated lymphoma. <i>J Exp Med</i>. 2025;222(10). doi:10.1084/jem.20240945. PMID:40742536.0.
Sinclair, Graham	Li X, Yeganeh M, Sinclair G, Mwenifumbo J, Jacob KJ, Arbour L, Lehman A, Rakic B, Vaz FM, Horvath G, Tarailo-Graovac M, Stockler-Ipsiroglu S. Biallelic variants in BBOX1 cause L-Carnitine deficiency and elevated γ-butyrobetaine. <i>npj Genom. Med.</i> 2025;10(1):64. doi:10.1038/s41525-025-00523-2.
Skinneider, Brian	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell.</i> 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0. Kim JL, Villa D, Tonseth RP, Gerrie AS, Wilson D, Benard F, Venner CP, Skinneider B, Farinha P, Slack GW, Lo AC, Scott DW, et al. Long-term follow-up of bulky classic Hodgkin lymphoma managed with ABVD and PET-guided RT demonstrates excellent outcomes in PET-negative cases. <i>Br. J. Haematol.</i> 2025;206(1):167-171. doi:10.1111/bjh.19859. PMID:39511886.0.

Slack, Graham	Aalto T, Abacan M, Abadi S, Aghababazadeh FA, Abbaszadeh Z, Razak AA, Abdulsalam S, Abelman DD, Abolghasemi A, Abraham A, Abraham R, Acar BC, et al. The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. <i>Cancer Cell</i> . 2025;43(4):587-592. doi:10.1016/j.ccell.2025.03.014. PMID:40185094.0.
	Alduaij W, Jiang A, Villa D, Collinge B, Ben-Neriah S, Boyle M, Meissner B, Hilton LK, Farinha P, Slack GW, Craig JW, Gerrie AS, et al. CNS relapse in high-grade B-cell lymphoma with MYC and BCL2 rearrangements and dark-zone signature—expressing DLBCL. <i>Blood</i> . 2025;145(6):590-596. doi:10.1182/blood.2024025725. PMID:39441916.0.
	Amador C, Weisenburger DD, Gomez A, Bouska A, Alshomrani A, Sharma S, Shah AR, Greiner TC, Vega F, Rosenwald A, Ott G, Feldman AL, et al. Refining Diagnostic Subtypes of Peripheral T-Cell Lymphoma Using a Multiparameter Approach. <i>Mod. Pathol</i> . 2025;38(2):100646. doi:10.1016/j.modpat.2024.100646. PMID:39491745.0.
	Collinge B, Hilton LK, Wong J, Alduaij W, Ben-Neriah S, Slack GW, Farinha P, Boyle M, Meissner B, Cook JR, Ott G, Rosenwald A, et al. High-grade B-cell lymphoma, not otherwise specified: an LLMPP study. <i>Blood Adv</i> . 2025;9(21):5409-5422. doi:10.1182/bloodadvances.2025016651. PMID:40674706.0.
	Kim JL, Villa D, Tonseth RP, Gerrie AS, Wilson D, Benard F, Venner CP, Skinnider B, Farinha P, Slack GW, Lo AC, Scott DW, et al. Long-term follow-up of bulky classic Hodgkin lymphoma managed with ABVD and PET-guided RT demonstrates excellent outcomes in PET-negative cases. <i>Br. J. Haematol</i> . 2025;206(1):167-171. doi:10.1111/bjh.19859. PMID:39511886.0.
	Rai S, Duns G, Frontzek F, Wong JCH, Yin Y, Li MY, Kishida M, Fujisawa M, Healy S, Viganò E, Jiang A, Woolcock B, et al. Somatic IRF4 mutations and thymic tropism in primary mediastinal large B-cell lymphoma. <i>Blood</i> . 2025;146(13):1586-1600. doi:10.1182/blood.2025028412. PMID:40540746.0.
	Slack GW, Hsi ED. Diffuse Aggressive B-cell Lymphomas. <i>Hematopathology: A Volume in the Series: Foundations in Diagnostic Pathology</i> . 2025:290-339.e9. doi:10.1016/B978-0-443-10940-9.00008-3.
	Trinder M, Pryma C, Leung E, Slack GW, Farinha P, Young S, Ozkaya N, Carruthers M, Chen LYC. The Clinicopathologic Spectrum of Rosai–Dorfman–Destombes Disease in Adults: An Analysis of 16 Cases. <i>Eur. J. Haematol</i> . 2025;115(6):555-564. doi:10.1111/ejh.70018. PMID:40818064.0.
	Yanko O, Lytle AG, Farinha P, Boyle M, Slack GW, Scott DW, Craig JW. The Impact of Scoring Method on Accuracy and Reproducibility of Hans Cell-of-Origin Prediction in Excisional Biopsies of Diffuse Large B-Cell Lymphoma, Not Otherwise Specified. <i>Arch Pathol Lab Med</i> . 2025;149(9):852-858. doi:10.5858/arpa.2024-0366-OA. PMID:39895007.0.
Smith, Tyler	Hutspardol S, Borja T, Kroeker J, Wang XQ, Mi J, Zamar D, Chan G, Smith T, Hawes H, Shih AW. Comparison of conventional coagulation tests and ROTEM in identifying trauma-induced coagulopathy for massive haemorrhage protocol activation. <i>Transfus. Med</i> . 2025;35(3):266-274. doi:10.1111/tme.13128. PMID:39865389.0.
Spence, Tara	Churg A, Spence T, Martin KC, Senz J, Yip S, Naso JR. CDKN2A Chromogenic In Situ Hybridization for Separating Benign from Malignant Mesothelial Proliferations. <i>Am. J. Surg. Pathol</i> . 2025;49(7):646-649. doi:10.1097/PAS.0000000000002395. PMID:40160119.0.
Stefanović, Aleksandra	Amaral G, Lo CK-F, Ritchie G, Bilawka J, Lowe CF, Romney MG, Jang W, Gowland L, Matic N, Payne M, Hoang L, Chorlton SD, et al. Evaluation of the NG-Test® CTX-M MULTI lateral flow immunoassay and genomic discovery of a blaCTX-M-27 variant with a premature stop codon. <i>Diagn. Microbiol. Infect. Dis</i> . 2025;113(4):117034. doi:10.1016/j.diagmicrobio.2025.117034. PMID:40753700.0.
	Amaral G, Lowe CF, Ritchie G, Broderick C, Payne M, Stefanovic A, Matic N, Gauthier NPG, Chorlton SD, Tang P, Romney MG. <i>Vibrio cholerae</i> cystitis following geothermal hot springs exposure in California. <i>Clin. Microbiol. Newsl</i> . 2025;52:17-20. doi:10.1016/j.clinmicnews.2025.06.004.
	Hamze H, Payne M, Stefanovic A, Lowe CF, Romney MG, Matic N. <i>Helicobacter pylori</i> culture positivity and antimicrobial susceptibility profiles (Vancouver, Canada). <i>J. Antimicrob. Chemother</i> . 2025;80(6):1640-1646. doi:10.1093/jac/dkaf114. PMID:40202867.0.
	Leung V, Ritchie G, Stefanovic A, Lee C, Chorlton S, Matic N, Romney MG, Hayden A, Lowe CF. An Outbreak of Multidrug-Resistant <i>Shigella flexneri</i> Serotype 2a Among People Experiencing Homelessness in Vancouver. <i>Trop. Med. Infect. Dis</i> . 2025;10(5):120. doi:10.3390/tropicalmed10050120.
	Lowe CF, Ritchie G, Crestani C, Imperial M, Matic N, Payne M, Stefanovic A, Whellams D, Brisse S, Romney MG. Diphtheria Toxin–Producing <i>Corynebacterium ramonii</i> in Inner-City Population, Vancouver, British Columbia, Canada, 2019–2023. <i>Emerg. Infect. Dis</i> . 2025;31(2):323-327. doi:10.3201/eid3102.241472. PMID:39773277.0.
	Payne M, Ritchie G, Lawson T, Young M, Jang W, Stefanovic A, Romney MG, Matic N, Lowe CF. Evaluation of a next generation sequencing assay for Hepatitis B antiviral drug resistance on the oxford nanopore system. <i>J. Clin. Virol</i> . 2025;176:105762. doi:10.1016/j.jcv.2025.105762. PMID:39818134.0.

	Ritchie G, Mobini M, Malladi VS, Lawson T, Young M, Jang W, Mohammadi H, Payne M, Stefanovic A, Tang P, Romney MG, Holmes DT, et al. Interdisciplinary Collaboration to Develop a Custom Genomic Analysis Pipeline for the Clinical Laboratory: Hepatitis B Virus and Cytomegalovirus Antiviral Resistance Genotyping. <i>Clin. Chem.</i> 2025;71(11):1169-1175. doi:10.1093/clinchem/hvaf093. PMID:40839532.0. Schonhofer C, Bilawka J, Apperley S, Lowe CF, Payne M, Matic N, Leung V, Romney MG, Tang P, Stefanovic A. Xpert MTB/RIF Ultra performance on bronchial specimens in diagnosing pulmonary tuberculosis in Vancouver, Canada. <i>J. Med. Microbiol.</i> 2025;74(6):002022. doi:10.1099/jmm.0.002022. PMID:40476851.0. Stefanovic A, Alam ME, Matic N, Larnder A, Ritchie G, Gowland L, Chorlton SD, Lloyd-Smith E, Payne M, Dawar M, Vijn R, Leung V, et al. Increased Severity of Multidrug-Resistant <i>Shigella sonnei</i> Infections in People Experiencing Homelessness. <i>Clin. Infect. Dis.</i> 2025;80(2):339-346. doi:10.1093/cid/ciae575. PMID:39570865.0. Stefanovic A, Gowland L, Ritchie G, Lee C, Chorlton S, Matic N, Leung V, Payne M, Lowe CF, Romney MG. Mecillinam activity against multidrug-resistant <i>Shigella sonnei</i> and <i>Shigella flexneri</i>. <i>Microbiol. Spectr.</i> 2025;13(3). doi:10.1128/spectrum.01006-24. PMID:39918320.0.
Strong, Emma	Dada S, Akbari V, Hejla D, Shen Y, Dixon K, Choufani S, Weksberg RA, Boerkoel CF, Stewart L, Schlade-Bartusiak K, Strong E, Fox D, et al. Using long-read sequencing to detect and subtype a case with Temple syndrome. <i>J. Med. Genet.</i> 2025;62(8):502-507. doi:10.1136/jmg-2024-110262. PMID:40447311.0.
Tavassoli, Peyman	Minkley M, Kos Z, Ung K, Wong P, Teng B, Tavassoli P. Infiltrative epitheliosis of the breast; a pitfall for pathologists, a case report and a review focusing on the diagnostic approach and interpretative pitfalls. <i>Histopathology.</i> 2025;86(2):311-313. doi:10.1111/his.15347. PMID:39403834.0.
Terry, Jefferson	Chen H, Putra J, Nagy A, Terry J, El Demellawy D, de Nanassy J, Schollenberg E, Haig A, Stefanovici C, Whelan K, Poulin A, Dal Soglio D, et al. Validation of A Nationwide Digital Pediatric Pathology Consultation Network. <i>Pediatr. Dev. Pathol.</i> 2025;28(3):164-171. doi:10.1177/10935266251316782. PMID:39927568.0. Chui K, Terry J, Hutcheon JA, Mayer C, Liauw J. Potassium chloride intracardiac fetal injection and tissue degeneration at fetal autopsy following induction abortion. <i>Contraception.</i> 2025;150:110986. doi:10.1016/j.contraception.2025.110986. PMID:40543548.0. El Shahed A, Chau V, Terry J, Whitehead C, Synnes A, Grunau R, Miller SP. Presumed etiology of preterm birth: brain injury and neurodevelopmental outcomes. <i>Pediatr. Res.</i> 2025;98(3):976-982. doi:10.1038/s41390-025-03945-x. PMID:40000858.0. Fayek B, Liu YD, Sidhu A, Ziafat K, Geerts M, AbdelHafez FF, Terry J, Bedaiwy MA. Chronic intervillitis of unknown etiology in patients with recurrent pregnancy loss: Impact on reproductive outcomes, treatment efficacy, and recurrence rates. <i>Placenta.</i> 2025;164:41-48. doi:10.1016/j.placenta.2025.03.009. PMID:40107128.0. Fu MP, Sharma M, Yousefi P, Merrill SM, Tan R, Samra S, Setiadi A, Golding L, Modi BP, Del Bel KL, Deyell RJ, Rozmus J, et al. ASXL1 deficiency causes epigenetic dysfunction, combined immunodeficiency, and EBV-associated lymphoma. <i>J Exp Med.</i> 2025;222(10). doi:10.1084/jem.20240945. PMID:40742536.0. Inkster AM, Peñaherrera MS, Robinson WP, Terry J. The role of placental DNA methylation in the pathogenesis of chronic intervillitis of unknown etiology. <i>Clin. Epigenetics.</i> 2025;17(1):206. doi:10.1186/s13148-025-02021-9. PMID:41420194.0. Schollenberg E, Lee AF, Terry J. Placenta and Pregnancy-Related Diseases. <i>Gynecologic and Obstetric Pathology.</i> 2025:1653-1710. doi:10.1007/978-981-97-4822-8_15. Terry J. CD163 Expression in Chronic Intervillitis of Unknown Etiology and SARS-CoV-2 Placentitis. <i>Pediatr. Dev. Pathol.</i> 2025;28(1):46-54. doi:10.1177/10935266241291107. PMID:39512147.0. Terry J. Gene Expression Patterns in a Congenital Neurocristic Hamartoma With Multiple Proliferative Nodules. <i>J. Cutaneous Pathol.</i> 2025;52(2):85-91. doi:10.1111/cup.14745. PMID:39504946.0. Wild HB, Aumuller J, Kuei J, Simon M, Palm A, Pendergrast J, Letoquart J-P, Terry J, Joharifard S. Concomitant Splenic Tuberculosis and Epstein–Barr Virus-Related T-Cell Leukemia/Lymphoma in a 28-Year-Old Pregnant Woman in South Sudan. <i>Am. J. Trop. Med. Hyg.</i> 2025;112(6):1267-1272. doi:10.4269/ajtmh.25-0033. PMID:40233724.0.
Tran, Jenny	Tran JN, Lan JH. Use of molecular mismatch to guide induction therapy. <i>Curr. Opin. Organ Transplant.</i> 2025;30(6):425-436. doi:10.1097/MOT.0000000000001254. PMID:41059598.0.
Tyson, John	Bhuiyan SA, Tyson JR, Belmadani M, Sicherman J, Snutch TP, Pavlidis P. Cataloging the potential functional diversity of <i>Cacna1e</i> splice variants using long-read sequencing. <i>BMC Genomics.</i> 2025;26(1):842. doi:10.1186/s12864-025-11887-1. PMID:41013183.0.

	Cabrera A, Lee T, Kolehmainen K, Hird T, Jorgensen D, Lo CK-F, Hamze H, O'Dwyer A, Fornika D, KhunKhun RK, Rodrigues M, Prystajecy N, et al. Series 2: Development of a Multiplex Amplicon Next Generation Sequencing Assay for Rapid Assessment of Resistance-Associated Mutations in M. tuberculosis Clinical Cases. <i>Trop. Med. Infect. Dis.</i> 2025;10(7):194. doi:10.3390/tropicalmed10070194. Cahyani I, Tyson J, Holmes N, Quick J, Moore C, Loman N, Loose M. An optimized toolkit for high-molecular-weight DNA extraction and ultra-long-read nanopore sequencing using glass beads and hexaminecobalt(III) chloride. <i>Genome Res.</i> 2025;35(5):1154-1166. doi:10.1101/gr.279943.124. PMID:40127929.0. Harrigan SP, Fibke CD, Velásquez García HA, Mak S, Wilton J, Prystajecy N, Tyson J, Wang L, Sander B, Baral S, Mishra S, Janjua NZ, et al. The mediating role of SARS-CoV-2 variants between income and hospitalization due to COVID-19: a period-based mediation analysis. <i>Am. J. Epidemiol.</i> 2025;194(5):1352-1361. doi:10.1093/aje/kwae266. PMID:39117572.0. Himsworth CG, Caleta JM, Jassem AN, Yang KC, Zlosnik JEA, Tyson JR, Wilson L, Kuchinski KS, Giacinti J, Willie M, Redford TD, Winchester M, et al. Highly Pathogenic Avian Influenza A(H5N1) in Wild Birds and a Human, British Columbia, Canada, 2024. <i>Emerg. Infect. Dis.</i> 2025;31(6):1216-1221. doi:10.3201/eid3106.241862. PMID:40439499.0. Jassem AN, Roberts A, Tyson J, Zlosnik JEA, Russell SL, Caleta JM, Eckbo EJ, Gao R, Chestley T, Grant J, Uyeki TM, Prystajecy NA, et al. Critical Illness in an Adolescent with Influenza A(H5N1) Virus Infection. <i>New Engl. J. Med.</i> 2025;392(9):927-929. doi:10.1056/NEJMc2415890. PMID:39740022.0. Kuchinski KS, Tyson J, Lee T, Detmer S, Berhane Y, Burns T, Prystajecy NA, Himsworth CG. Detection of a Reassortant Swine- and Human-Origin H3N2 Influenza A Virus in Farmed Mink in British Columbia, Canada. <i>Zoonoses Public Health.</i> 2025;72(3):293-300. doi:10.1111/zph.13205. PMID:40178199.0. Lee T, Cabrera A, Kolehmainen K, Hird T, Jorgensen D, O'Dwyer A, Fornika D, KhunKhun RK, Rodrigues M, Prystajecy N, Tyson J, Sekirov I, et al. Series 1: The Use of hsp65- and erm(41)-Targeted Amplicon Sequencing in the Diagnostic Workflow for Non-Tuberculous Mycobacteria. <i>Trop. Med. Infect. Dis.</i> 2025;10(7):192. doi:10.3390/tropicalmed10070192.
Vallance, Hilary	Luke S, Bohn MK, Boutin A, Giesbrecht E, Vallance H, Chan W-S, Barakauskas V. A comparison of perinatal outcomes associated with gestational diabetes mellitus testing practices in British Columbia: A population-based retrospective cohort study. <i>Can. J. Public Health.</i> 2025;116(4):619-629. doi:10.17269/s41997-024-00977-4. PMID:39658779.0. Yuskiv N, Saad A, Potter BK, Stockler-Ipsiroglu S, Mitchell JJ, Hawken S, Tingley K, Pugliese M, Lamoureux M, Chow AJ, Kronick JB, Wilson K, et al. Metabolic Control and Frequency of Clinical Monitoring Among Canadian Children With Phenylalanine Hydroxylase Deficiency: A Retrospective Cohort Study. <i>JIMD Reports.</i> 2025;66(5):e70042. doi:10.1002/jmd2.70042.
Wang, Gang	Contreras-Sanz A, Negri GL, Reike MJ, Oo HZ, Scurll JM, Spencer SE, Nielsen K, Ikeda K, Wang G, Jackson CL, Gupta S, Roberts ME, et al. Correction to: Proteomic profiling identifies muscle-invasive bladder cancers with distinct biology and responses to platinum-based chemotherapy (<i>Nature Communications</i>, (2025), 16, 1, (1240), 10.1038/s41467-024-55665-1). <i>Nat. Commun.</i> 2025;16(1):1855. doi:10.1038/s41467-025-57187-w. PMID:39984466.0. Contreras-Sanz A, Negri GL, Reike MJ, Oo HZ, Scurll JM, Spencer SE, Nielsen K, Ikeda K, Wang G, Jackson CL, Gupta S, Roberts ME, et al. Proteomic profiling identifies muscle-invasive bladder cancers with distinct biology and responses to platinum-based chemotherapy. <i>Nat. Commun.</i> 2025;16(1):1240. doi:10.1038/s41467-024-55665-1. PMID:39890781.0. Devnath L, Arora P, Carraro A, Korbek J, Keyes M, Wang G, Guillaud M, MacAulay C. Recognizing Epithelial Cells in Prostatic Glands Using Deep Learning. <i>Cells.</i> 2025;14(10):737. doi:10.3390/cells14100737. PMID:40422240.0. Hunter I, Wang G, Grennan T. Syphilis proctitis: An uncommon presentation of Treponema pallidum mimicking malignancy. <i>BMJ Case Rep.</i> 2025;18(3):e263948. doi:10.1136/bcr-2024-263948. PMID:40132940.0. Janzen I, Ho C, Melosky B, Ye Q, Li J, Wang G, Lam S, MacAulay C, Yuan R. Machine Learning and Computed Tomography Radiomics to Predict Disease Progression to Upfront Pembrolizumab Monotherapy in Advanced Non-Small-Cell Lung Cancer: A Pilot Study. <i>Cancers.</i> 2025;17(1):58. doi:10.3390/cancers17010058. Mihai IM, Wang G. Biomarkers for predicting bladder cancer therapy response. <i>Oncol. Res.</i> 2025;33(3):533-547. doi:10.32604/or.2024.055155. PMID:40109853.0. Sipola J, Munzur AD, Kwan EM, Seo CCY, Hauk BJ, Parekh K, Liao YJ, Bernales CQ, Donnellan G, Bloise I, Fung E, Ng SWS, et al. Plasma Cell-Free DNA Chromatin Immunoprecipitation Profiling Depicts Phenotypic and Clinical Heterogeneity in Advanced Prostate Cancer. <i>Cancer Res.</i> 2025;85(4):791-807. doi:10.1158/0008-5472.CAN-24-2052. PMID:39652574.0.

	Vandekerkhove G, Murtha AJ, Müller DC, Stephenson M, Rostin K, Munzur AD, Vasquez-Rios C, Nikkola J, Sipola J, Annala M, Herberts C, Fung E, et al. ERBB2/HER2 Alterations in ctDNA and Metachronous Tissues of Patients with Metastatic Urothelial Cancer. <i>Clin. Cancer Res.</i> 2025;31(17):3725-3741. doi:10.1158/1078-0432.CCR-24-3912. PMID:40540011.0. Zhao B, Deng W, Li Z-H, Zhou C, Gao Z, Wang G, Li X. Corrigendum to "LESS: Label-efficient multi-scale learning for cytological whole slide image screening" [Medical Image Analysis 94 (2024): 103109] (Medical Image Analysis (2024) 94, (S1361841524000343), (10.1016/j.media.2024.103109)). <i>Med. Image Anal.</i> 2025;104:103648. doi:10.1016/j.media.2025.103648. PMID:40436657.0.
Wang, Li	Mak R, Chan ES, Irvine M, Huang JY, Hethey J, Hartstein S, Wang L. Comparing approaches to ordering peanut component-resolved diagnostics to reduce the need for oral food challenges. <i>J. Allergy. Clin. Immunol. Glob.</i> 2025;4(2):100440. doi:10.1016/j.jacig.2025.100440.
Wang, Xiuqing	Hutspardol S, Borja T, Kroeker J, Wang XQ, Mi J, Zamar D, Chan G, Smith T, Hawes H, Shih AW. Comparison of conventional coagulation tests and ROTEM in identifying trauma-induced coagulopathy for massive haemorrhage protocol activation. <i>Transfus. Med.</i> 2025;35(3):266-274. doi:10.1111/tme.13128. PMID:39865389.0.
Wang, Xuehai	Terra R, Éthier V, Busque L, Morin-Quintal A, D'Angelo G, Hébert J, Wang X, Lépine G, LeBlanc R, Bergeron J. Improved identification of clinically relevant Acute Leukemia subtypes using standardized EuroFlow panels versus non-standardized approach. <i>Cytometry Part B Clin. Cytometry.</i> 2025;108(2):116-127. doi:10.1002/cyto.b.22213. PMID:39538364.0.
Wong, Michelle	Atiquzzaman M, Er L, Djurdjev O, Zheng Y, Wong MMY, Birks PC, Bevilacqua MU, Yau K, Hladunewich MA, Oliver MJ, Levin A. COVID-19 infection and the progression of kidney disease in British Columbia, Canada. <i>Nephrol. Dial. Transplant.</i> 2025;40(9):1717-1726. doi:10.1093/ndt/gfaf040. PMID:39979022.0. Brum ISC, MSc, Cardozo LFMF, PhD, Alvarenga L, PhD, Kemp JA, PhD, Baptista BG, MSc, Britto IK, MSc, Borges NA, PhD, Renouf D, MSc, Wong MMY, MD, Fouque D, MD, Mafra D, PhD. Fad diets for non-dialysis chronic kidney disease patients: Can "the miracle diet" be a threat? <i>Nutrition.</i> 2025;132:112668. doi:10.1016/j.nut.2024.112668. PMID:39827647.0. Kistler BM, Biruete A, Wong MMY, Wang AY-M, Martin-del-Campo F, Nerbass FB, Hardy A, Zhu Q, Khor B-H, Vincent L, Ebrahim Z, Figueiredo A. Homemade formulas for nutrition support in chronic kidney disease: A narrative review of the opportunity for education, research, and innovation. <i>Nutr. Clin. Prac.</i> 2025;40(2):307-318. doi:10.1002/ncp.11271. PMID:39891426.0. Pecoits-Filho R, Wong MMY, Moorthy M, Banerjee D, Behera S, Calice-Silva V, Chothia M-Y, Colbert GB, Gulati M, Herzog CA, Jouhra F, Lerma EV, et al. Optimization of renin-angiotensin-aldosterone inhibitor therapies for evidence-based indications: A call to action from the cardio-kidney community. <i>American J. Prev. Cardiol.</i> 2025;23:100663. doi:10.1016/j.ajpc.2024.100663. Pecoits-Filho R, Wong MMY, Moorthy M, Banerjee D, Behera S, Calice-Silva V, Chothia M-Y, Colbert GB, Gulati M, Herzog CA, Jouhra F, Lerma EV, et al. Optimization of renin-angiotensin-aldosterone inhibitor therapies for evidence-based indications: a call to action from the cardio-kidney community. <i>ESC Heart Fail.</i> 2025;12(4):2597-2604. doi:10.1002/ehf2.15262. PMID:40488540.0. Pecoits-Filho R, Wong MMY, Moorthy M, Banerjee D, Behera S, Calice-Silva V, Chothia M-Y, Colbert GB, Gulati M, Herzog CA, Jouhra F, Lerma EV, et al. Optimization of Renin-Angiotensin-Aldosterone Inhibitor Therapies for Evidence-Based Indications: a Call to Action From the Cardio-Kidney Community. <i>Kidney Intl. Rep.</i> 2025;10(7):2081-2087. doi:10.1016/j.ekir.2025.03.036. Picard K, Renouf D, Draheim S, Picard C, Wong MMY. The Accuracy of Potassium Content on Food Labels in Canada. <i>Nutrients.</i> 2025;17(18):2935. doi:10.3390/nu17182935. PMID:41010461.0. Wong MMY, Herzog CA. Evidence-Based Guidance for Strategies for Blood Transfusion with CKD and Myocardial Infarction. <i>J. Am. Soc. Nephrol.</i> 2025;36(6):1008-1010. doi:10.1681/ASN.0000000736. PMID:40359095.0.
Yan, Matthew Tak Sheng	Jacobs JW, Booth GS, Lewis-Newby M, Saifee NH, Ferguson E, Cohn CS, Delaney M, Morley S, Thomas S, Thorpe R, Raza S, Weaver MS, et al. Medical, Societal, and Ethical Considerations for Directed Blood Donation in 2025. <i>Ann. Intern. Med.</i> 2025;178(7):1021-1026. doi:10.7326/ANNALS-25-00815. PMID:40354666.0. Karkouti K, Callum JL, Bartoszko J, Tanaka KA, Knaub S, Brar S, Ghadimi K, Rochon A, Mullane D, Couture EJ, Lin Y, Harle C, et al. Prothrombin Complex Concentrate vs Frozen Plasma for Coagulopathic Bleeding in Cardiac Surgery: The FARES-II Multicenter Randomized Clinical Trial. <i>JAMA.</i> 2025;333(20):1781-1792. doi:10.1001/jama.2025.3501. PMID:40156829.0. Lieberman L, Walsh CM, Barty R, Callum J, Yan MTS, VanderMeulen H, Robitaille N, Kee Fung KF, Ng E, Hume H, Barrett J, Berman R, et al. Guidance for Prenatal, Postnatal and Neonatal Immunohematology Testing in Canada: Consensus Recommendations from a Modified Delphi Process. <i>J. Obstet. Gynaecol. Can.</i> 2025;47(9):103088. doi:10.1016/j.jogc.2025.103088. PMID:40882839.0.

	Noa YR, Bernard RMS, Radigan J, Yan MTS, Branch DR. A patient with anti-Coa having activated monocytes specifically phagocytosing IAT-negative Co(a+) red blood cells. <i>Transfusion</i>. 2025;65(9):1592-1598. doi:10.1111/trf.18355. PMID:40944501.0. VanderMeulen H, Shuman M, Fam PN, Berman R, Callum J, Clarke G, Lieberman L, Walsh C, Thorne J, Yan MTS. Transfusion Testing During Routine Pregnancies: Consensus Recommendations from a Modified Delphi Process. <i>J. Obstet. Gynaecol. Can.</i> 2025;47(9):103034. doi:10.1016/j.jogc.2025.103034. PMID:40651573.0.
Young, Sean	Trinder M, Pryma C, Leung E, Slack GW, Farinha P, Young S, Ozkaya N, Carruthers M, Chen LYC. The Clinicopathologic Spectrum of Rosai–Dorfman–Destombes Disease in Adults: An Analysis of 16 Cases. <i>Eur. J. Haematol.</i> 2025;115(6):555-564. doi:10.1111/ejh.70018. PMID:40818064.0.
Zhou, Chen	Wee K, Yang KC, Schaeffer DF, Zhou C, Leung E, Feng X, Laskin J, Marra MA, Loree JM, Gorski SM. Genomic and transcriptomic landscapes of metastatic neuroendocrine neoplasms from distinct primary sites and their clinical implications. <i>Sci. Rep.</i> 2025;15(1):15770. doi:10.1038/s41598-025-00549-7. PMID:40328872.0. Zhao B, Deng W, Li Z-H, Zhou C, Gao Z, Wang G, Li X. Corrigendum to "LESS: Label-efficient multi-scale learning for cytological whole slide image screening" [<i>Medical Image Analysis</i> 94 (2024): 103109] (<i>Medical Image Analysis</i> (2024) 94, (S1361841524000343), (10.1016/j.media.2024.103109)). <i>Med. Image Anal.</i> 2025;104:103648. doi:10.1016/j.media.2025.103648. PMID:40436657.0.

RESEARCH FUNDING

Grants Awarded 2025

85 awarded grants
\$17.6M across 40 investigators

Source: UBC RISE (2025) – awarded grants only, grouped by investigator. Amount shown is the awarded total.

Investigator	Project	Sponsor / Program	Awarded
Aparicio, Samuel	Enhancing Therapeutic Impact through Combinatorial Strategies: G-Quadruplex Stabilizers and Diverse Agents Targeting Defective DNA Repair Mechanisms in Advanced and Drug-resistant Breast and Ovarian Cancers	BC Cancer Foundation Rising Stars - PostDoctoral Award	\$60,000
Bally, Marcel	A first-in-class dual-function siRNA to address limitations of anticoagulants in thrombotic disease	Genome British Columbia Genomie Applications Partnership Program	\$879,874
	Zinc-based drug delivery formulation of phototoxic cancer drugs: Ameliorating dose independent skin ...	Lotte and John Hecht Memorial Foundation	\$422,400
	Evaluating the Potential of CX5461 to Break Immune Silence in BRCA1-Mutated Ovarian Cancer: Studies ...	Gynecological Cancer Initiative – Clinical Trials (GCI-CTG)	\$20,248
Bennewith, Kevin	Bennewith Lab, Basic and Translational Research	BC Cancer Foundation	\$250,000
	Stress-induced intracellular amyloid aggregation as a novel mechanism of therapeutic resistance (Fel...	Canadian Institutes of Health Research (CIHR) Canada Postdoctoral Research Award (CPRA)	\$140,000
	Ionizing radiation to improve CAR T cell efficacy in solid tumours	Cancer Research Society Operating Grant	\$135,000
	Repurposing the antihypertensive drug telmisartan as a novel immunomodulatory adjuvant to enhance br...	Canadian Institutes of Health Research (CIHR) Canada Graduate Research Scholarship - Doctoral (CGRS D)	\$120,000
	Improving solid tumour responsiveness to CAR T cell therapy through strategic radiation application	Cancer Research Society Doctoral Research Award	\$70,000
	Stress-induced intracellular amyloid aggregation as a novel mechanism of therapeutic resistance	BC Cancer Foundation Rising Stars - PostDoctoral Award	\$60,000
Charles, Marthe Kenny	Translation of BSIDx a Rapid Diagnostic Platform for Bloodstream Infections	Genome British Columbia	\$1
Drobysheva, Anastasia	Maternal Diabetes and Child Health Research	British Columbia Children's Hospital Foundation	—
Elkhalidy, Youness	ESTMTA2024-Vivien Hu	Canadian Blood Services	\$50,000
	ESTMTA2024-Catherine Lovatt	Canadian Blood Services	\$50,000
	ESTMTA2024-Alexander Dotto	Canadian Blood Services	\$10,000
Enfield, Katey	Harnessing cell sociology of the lung tumour microenvironment for developing biomarkers of immunothe...	Canadian Institutes of Health Research (CIHR) Project Grant	\$1,250,000
	Mechanisms underlying antibody production and immunotherapy success in lung cancer	Terry Fox Research Institute New Investigator Award	\$525,000
Goldfarb, David	BCCHR Researcher Overhead Award	BC Children's Hospital Research Institute Researcher Overhead Award	—
Granville, David	Granzyme B Mediated Pathogenesis in SJS/TEN: Exploring Dermal-Epidermal Junction Disruption and Infl...	Canadian Institutes of Health Research (CIHR) Canada Graduate Scholarships - Doctoral Award	\$120,000
Hoang, Lien	Clarifying the Morphologic Boundaries and Clinical Behavior of HPV-independent TP53 wild-type Vulvar...	VGH and UBC Hospital Foundation Gynecologic Cancer Initiative - Gynecologic Cancer Research Awards	\$22,005

Investigator	Project	Sponsor / Program	Awarded
Hoang, Linda	Building capacity for the integration of clinical practice and surveillance	British Columbia Centre for Disease Control	\$240,000
Huntsman, David	Biologic basis of contraceptive choice associated ovarian cancer risk: from populations through cells to action	Canadian Institutes of Health Research (CIHR) Team Grant: Bringing Biology to Cancer Prevention	\$2,225,000
	Operationalization of Cell DIVE System for Gynecology Cancer Research	VGH and UBC Hospital Foundation Gynecologic Cancer Initiative – Cyclic IF project	\$396,796
	Improving access to opportunistic salpingectomy in Canada to improve equity in ovarian cancer preven...	Ovarian Cancer Canada	\$72,000
	Examination of ethnicity and ancestry within endometrial cancer molecular subtypes	Gynecological Cancer Initiative – Clinical Trials (GCI-CTG)	\$20,000
Jassem, Agatha	Bristol Virscan	University of Bristol	\$149,200
Karsan, Aly	Hematopoietic stem cell aging	Canadian Institutes of Health Research (CIHR) Project Grant	\$1,340,000
	Detection of clonal hematopoiesis driven by structural variants	Terry Fox Research Institute Marathon of Hope Cancer Centre Network: Data Sharing & Use Pilot	\$200,000
	Loss of FBXO11 shapes clonal architecture in a cell non-autonomous manner in acute myeloid leukemia	BC Cancer Foundation Rising Stars - Graduate Award	\$70,000
	Epigenomic Determinants of Clonal Evolution and Therapy Resistance in Acute Myeloid Leukemia (Fellow: Kristi Fourie)	Terry Fox Research Institute	\$40,000
Klein Geltink, Ramon	Empowering T cells in pediatric cancer through mitochondrial complex II	BC Children's Hospital Research Institute Precision Immunology Catalyst Grant	\$50,000
	REDI 2025 Forum Travel Award for Mentors	Canadian Institutes of Health Research (CIHR) Research Excellence, Diversity, and Independence (REDI) Early Career Transition Award - 2025 Forum Travel Awards for Mentors	\$1,791
Krystal, Gerald	Student work placement program	BioTalent Canada	\$7,000
Lam, Wan	Targeting microbiome metabolism for early detection and therapy of lung cancer	Canadian Institutes of Health Research (CIHR) Canada Postdoctoral Research Award (CPRA)	\$140,000
	COPD activates an early oncogenic program that predicts lung cancer risk	Canadian Institutes of Health Research (CIHR) CIHR-ICRH Travel Awards - General pool	\$1,500
Lee, Lik Hang	Ex-vivo target engagement in of novel antibodies targeting misfolded light chains in archived AL amy...	Paradox Immunotherapeutics Inc.	—
Lockwood, William	Targeting epigenetic mechanisms driving lineage transformation and therapy resistance in lung adenocarcinoma	Cancer Research Society Operating Grant	\$135,000
	Identifying Modifiers of EGFR Induced Tumourigenesis to Develop New Therapeutic Strategies for Lung ...	Cancer Research Society Doctoral Research Award	\$70,000
	Developing DUSP4/6 small molecule inhibitors for lung adenocarcinoma	BC Cancer Foundation Rising Stars - Graduate Award	\$70,000
	Dual inhibition of DUSP4/6 sensitizes drug resistant lung adenocarcinoma to ERK hyperactivation	BC Cancer Foundation Rising Stars - PostDoctoral Award	\$60,000
	Combating targeted therapy resistance in lung cancer through hyperactivation of oncogenic signaling	Lung Cancer Canada	\$25,000
	PM2.5 shapes the mutational and epigenetic profiles of lung adenocarcinoma patients who have never s...	Canadian Institutes of Health Research (CIHR) Travel Awards - Institute Community Support	\$1,500

Investigator	Project	Sponsor / Program	Awarded
Ma, Zhenwei	OncoSeal: a novel bioadhesive device for post-surgical oral cancer management	MITACS Inc. Accelerate	\$270,000
MacAulay, Calum	Optical falloscopy for early-stage tubo-ovarian cancer detection	Canadian Institutes of Health Research (CIHR) Canada Postdoctoral Research Award (CPRA)	\$140,000
	Fallopian tube screening for tubo-ovarian cancer: early detection with optical imaging and lavage.	BC Cancer Foundation Rising Stars - PostDoctoral Award	\$60,000
Matthews, Allison	BCCHR Clinical Investigator Award	BC Children's Hospital Research Institute Clinical Investigator	\$32,000
McGinnis, Eric	Genome-wide nanopore-based methylation profiling in acute myeloid leukemia with mutated NPM1	UBC Faculty of Medicine New Faculty Research Award	\$10,000
Naso, Julia	Molecular profiling of non-neoplastic cells in bronchoalveolar lavage fluid for lung cancer risk pr...	UBC Faculty of Medicine New Faculty Research Award	\$10,000
Ng, Tony	QI: Comprehensive Cancer Gene Fusion Detection for BC and Alberta	Genome British Columbia Healthy Outcomes Through Genomic Innovations	\$372,407
Nouri, Kazem	Comparison of LDL cholesterol caculations in an older Canadian population using Martin-Hopkins, Samp...	UBC Faculty of Medicine New Faculty Research Award	\$10,000
Riazy, Maziar	Grant Workshop Prize	UBC Department of Pathology and Laboratory Medicine	\$15,000
Sadar, Marianne	Harold Mahood Prostate Cancer Research Fund	BC Cancer Foundation Outcomes Support	\$45,000
Saunders, Jessica	Pediatric pathology research	Society for Pediatric Pathology (US) Young Investigator Research Grant	\$4,398
Sherwood, Karen Rosemary	Retrospective cross-sectional evaluation of clinical and immunologic outcomes in lung transplant recipients between 2014 and 2022	Vancouver Coastal Health Research Institute (VCHRI) Team Grants	\$30,000
Shi, Junyan	Assessment of Ferritin Light Chain (FTL) Tyr31ser Variant (Y31S) in the Heiltsuk and Kitasoo/Xai xais First Nations amongst those Presenting with Clinical Symptoms of Iron Deficiency	Genome British Columbia GeneSolve Program	\$100,000
Sorensen, Poul	Team DEFIANT: DEFIning ActioNable Targets for Osteosarcoma	Break Through Cancer	\$1,156,872
	Sarcoma metAstasis Research Taskforce, SMART	Canadian Institutes of Health Research (CIHR)	\$800,000
	Enhancing Immunotherapeutic Efficacy against Solid Tumors: Targeting Tumor Associated Macrophages in...	BC Cancer Foundation Rising Stars - Graduate Award	\$70,000
	L2M-TATOM	MITACS Inc. Business Strategy Internship	\$10,000
	Regulation and targeting of IL1RAP in rare pediatric cancers	Alex's Lemonade Stand Foundation	\$6,000
	BCCHR Researcher Overhead Award	BC Children's Hospital Research Institute Researcher Overhead Award	—
Steidl, Christian	Targeting the untargetable - gene editing as novel therapy for lymphomas	The Leukemia and Lymphoma Society of Canada	\$199,844
	Pathogenesis of B-cell lymphomas accelerated by lineage-specific core histone mutations	Cancer Research Society Operating Grant	\$135,000
	Molecular Taxonomy and Distinct Immune Interactions in Pediatric HL	Leukemia & Lymphoma Society of Canada Operating Grant	\$13,300
Tang, Patrick Kwok Chuen	Clinical genomics for enhanced infectious disease diagnosis	Michael Smith Health Research BC Health Professional-Investigator Award	\$450,000
	Targeted Metagenomics for Enhanced Infectious Disease Diagnosis	Genome British Columbia	\$442,920
Venturutti, Leandro	Charting unconventional transformation trajectories and dependencies in b-cell lymphomas	BC Cancer Foundation Rising Stars - Graduate Award	\$70,000

Investigator	Project	Sponsor / Program	Awarded
Wang, Gang	#F2026 12 Pathology Molecular Testing Research and Development fund 1NSRG045	BC Cancer Foundation Outcomes Support	\$144,912
	Unrestricted Research Funds	UBC Unrestricted Research Funds	\$20,000
Wang, Yemin	Exploring the surfaceome of SMARCA4/2-mutant gynecologic cancers for therapeutic development	Cancer Research Society Operating Grant	\$135,000
	Investigating the molecular mechanism of biased miRNA production by impaired DICER1 activity in DICE...	UBC Department of Pathology and Laboratory Medicine Pathology Grant Application Practicum (PGAP)	\$15,000
Wang, Ying	Determining the relationship between inflammation and impaired efferocytosis in human atherosclerotic...	Canadian Institutes of Health Research (CIHR) Canada Graduate Scholarships - Doctoral Award	\$120,000
Wellington, Cheryl Lea	Quantification of plasma biomarkers of neurodegeneration and neuroinflammation in participants of the Canadian Longitudinal Study on Aging (CLSA)	Canadian Institutes of Health Research (CIHR) Canadian Longitudinal Study on Aging	\$763,903
	ApoE and immune checkpoint regulation during aging	Cure Alzheimer's Fund	\$575,000
	Apolipoprotein E and immune checkpoint regulation during aging in Alzheimer's Disease	Cure Alzheimer's Fund	\$575,000
	Healthy Sleep to Promote Resistance and Resilience to Alzheimers Disease Related Brain Changes: An Integrated Wearable EEG, Genomic, MR Imaging, and Plasma Biomarker Study of Over 2600 Participants in the Canadian Longitudinal Study of Aging	Canadian Institutes of Health Research (CIHR) Operating Grant: Mechanisms in Brain Aging and Dementia	\$410,750
	Effect of cholesteryl ester transfer protein on VCID	Alzheimer's Association (US) AD Strategic Fund	\$300,000
	Generation of Canadian reference intervals for plasma phosphorylated tau 217	Weston Brain Institute Rapid Response	\$300,000
	Reference intervals for plasma p-tau-217 in the Canadian population	Cure Alzheimer's Fund CureAlz Cardinal Family Fund Emergency Trainee Support	\$115,000
	Using the Alamar NULISA technology to discover diagnostic and prognostic biomarkers in pediatric traumatic brain injury	Vancouver Coastal Health Research Institute (VCHRI) Innovation and Translational Research Awards	\$100,000
	Low Dose Ionizing Radiation Using CT Scans as a Potential Therapy for Alzheimer's Dementia Trial: A ...	Baycrest Academy for Research and Education	\$34,678
	Dr. Hubert van Tol Travel Fellowship	Brain Canada Rising Stars Trainee Awards	\$4,075
	Age-Specific Reference Curves for Plasma Biomarkers of Neurodegeneration	Canadian Institutes of Health Research (CIHR) Travel Awards - Institute Community Support	\$2,500
	Canadian Consortium on Neurodegeneration in Aging (CCNA): Application for Phase III CCNA Operations ...	Canadian Institutes of Health Research (CIHR) Canadian Consortium on Neurodegeneration in Aging	\$500
Yang, Hui-Min	Early detection of patients at high risk of esophageal and gastric adenocarcinoma with cytological and surgical specimen and molecular approaches	Rutgers University	—