

Publications of the Week

Saccharomycetes and *Malassezia* Fungi Associate With Early-Life Gut Maturation and Allergic Disease Risk in Childhood

First Author: Courtney Hoskinson | Senior Authors: Charisse Petersen (*pictured*) and Stuart Turvey
Nature Communications | BC Children's Hospital and UBC



While early-life gut bacterial microbiota maturation has been well studied and linked to childhood disease, the development of the gut mycobiome remains poorly understood. In this study, researchers analyzed a subset of the CHILD Study Cohort and generated both ITS2 amplicon and shotgun metagenomic sequencing data from infant stool samples. [Abstract](#) | [Press Release](#)

FAS-Controlled T Cells Drive Lymphoproliferation Through Glycolysis Without Effector Differentiation

First Author: Maria Elena Maccari | Senior Authors: Ramon Klein Geltink (*pictured*) and Anne Rensing-Ehl
Journal of Human Immunology | UBC and BC Cancer Research



Lymphoproliferation in autoimmune lymphoproliferative syndrome (ALPS) due to FAS deficiency is driven by highly proliferative FAS-controlled T cells (FCT) with a distinct molecular signature. Activating signals and metabolic fuels of their proliferation are poorly understood. Here, researchers used EBV-induced CD8 effector T cells as a benchmark to characterize FCT metabolism. [Abstract](#)

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Awards

June 2026 Award Winners

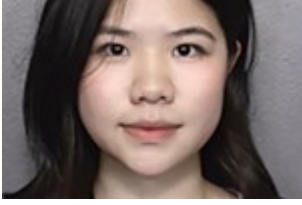
Science in Vancouver



This past month, over 50 members of the Vancouver scientific community were recognized for their research, mentorship, service, and more. We're highlighting Dr. Marco Marra, who was the recipient of the 2025 Canadian Cancer Society Lifetime Contribution Prize, to recognize his contributions to cancer research in Canada. See the full list of awardees in this month's award summary. [Read More](#)

VCHRI SPARKS 2026 Recipients

Vancouver Coastal Health Research Institute (VCHRI)



VCHRI is committed to fostering a culture of mentorship and supporting the next generation of health researchers through the Summer Program Advancing Research Knowledge and Skills (SPARKS). Among the eleven awardees is Jenny Do (*pictured*) from Dr. Michael Cox's lab. Do's project will characterize the histopathology of prostate cancer metastasis in bone. [Read More](#)

[View All Featured Awards](#) | [View All Monthly Award Summaries](#)

Local News

Vancouver Biotech Zymeworks Buying Theravance for US\$929M

Business in Vancouver



Vancouver biotechnology company Zymeworks plans to spend US\$929 million in cash to buy Theravance Biopharma. Theravance's only drug on the market is Yupelri, which treats chronic obstructive pulmonary disease. The transaction is a shift toward respiratory disease treatments for Zymeworks, which had been focused on its cancer drug Zanidatamab, which is to be commercialized under the name Zihera. [Read More](#)

Emerging Treatment Options Offer Hope to Children Affected by Migraine

BC Children's Hospital Research Institute



Migraine is among the top three causes of disability in individuals aged 10 to 24, with 10% of children experiencing it before reaching puberty. "The latest evidence points to emerging options [for patients], including the expansion of emergency department-based treatments and medication," says Dr. Garth Meckler (*pictured*), an investigator at BC Children's Hospital Research Institute and Associate Professor in the Department of Pediatrics at UBC. [Read More](#)

New Faculty Member Dr. Hao-Ting Wang Connects Brain Data to Real Life

Djavad Mowafaghian Centre for Brain Health (DMCBH)



For DMCBH's newest member, Dr. Hao-Ting Wang (*pictured*), the path into neuroscience has been shaped less by a fixed plan and more by curiosity. While studying psychology as an undergraduate, she explored a range of different roles before finding her footing in research. "I was very open to learning different topics and perspectives, so I tried a lot of different things," Dr. Wang recalls. "But I realized that I really enjoyed the research element." [Read More](#)

Homegrown Biotech Firm Launches New R&D Lab Space in Vancouver

Business in Vancouver



Conexeu Sciences Inc. officially opened a new lab space Tuesday in Vancouver's Mount Pleasant neighbourhood, where the company hopes to achieve new breakthroughs in regenerative medicine. The company's leaders said the facility will help advance the company's R&D into areas like post-mastectomy breast regeneration. [Read More](#)

CPERC 2026: Showcasing Innovation and Connection

UBC Faculty of Pharmaceutical Sciences



Pharmacy educators, researchers, staff, and students from across Canada recently gathered in Edmonton for the 2026 Canadian Pharmacy Education and Research Conference. This year's conference, co-hosted by UBC and the University of Alberta, highlighted the Faculty's initiatives as well as the importance of collaboration across institutions. The conference officially opened with welcoming remarks from Dr. Lalitha Raman-Wilms (*pictured*). [Read More](#)

Celebrating the Career and Retirement of Dr. Brett Finlay

UBC Michael Smith Laboratories (MSL)



MSL has extended their congratulations to Dr. Brett Finlay (*pictured*) on his career and retirement. Over his career, he's been recognized with a number of significant awards and accolades for his research, such as being appointed an Officer of the Order of Canada, being awarded the Order of British Columbia, and being inducted into the Canadian Medical Hall of Fame. While he's honoured by these accolades, he sees them as accomplishments belonging to the whole lab. [Read More](#)

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Upcoming Events in Vancouver

July 10

8:00 AM

Balance and Falls Research Center Inaugural Symposium

Balance and Falls Research Center

July 24

8:00 AM

Frontiers in Biophysics 2026

SFU Vancouver

July 25

7:00 PM

Science Under the Stars!

UBC Hebb Theatre

September 9

5:00 PM

28th Annual Life Sciences BC Awards

Vancouver Convention Centre West

September 17

5:00 PM

An Immense World: How Animal Senses Reveal the World Around Us

The Old Auditorium

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Research Platform Manager

UBC

Jr. Sample Transporter/Laboratory Technician

Bureau Veritas

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Douglas College

Quality Control Co-Op

Aspect Biosystems

Therapeutic Specialist

GSK

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STEMCELL Technologies

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Equipment Technician

STEMCELL Technologies

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STEMCELL Technologies

Senior Scientist (Stem Cell Engineering)

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