

Publications of the Week

DNA Methylation Epitypes of Burkitt Lymphoma with Distinct Molecular and Clinical Features

First Author: Nicole Thomas | Senior Authors: Manel Esteller and Ryan Morin (*pictured*)
Blood Cancer Discovery | Canada's Michael Smith Genome Sciences Centre, BC Cancer, and SFU



The genetic subtypes of Burkitt lymphoma have been defined, but the role of epigenetics remains to be comprehensively characterized. Here, researchers searched genomic DNA from 218 patients across four continents for recurrent DNA methylation patterns and their associations with clinical and molecular features. They identified DNA methylation patterns that were not fully explained by the Epstein–Barr virus status or mutation status. **Abstract**

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Awards

July 2025 Award Winners

Science in Vancouver



With almost 90 researchers featured in July's award summary, there's a lot of great science to celebrate. This month's spotlight showcases the work of Dr. Ivan Nabi (*pictured*) from UBC. Dr. Nabi has been awarded a 2025 NSERC Discovery Grant, a NSERC Research Tools and Instrument Grant, and a UBC Faculty of Medicine Excellence in Basic Science Research Award. **Read More**

Dr. K.S. Joseph Awarded the 2025 Geoffrey L. Hammond Lectureship

BC Children's Hospital Research Institute



Dr. K.S. Joseph (*pictured*) has been awarded the 2025 Geoffrey L. Hammond Lectureship. This is in recognition of his significant contributions to our understanding of perinatal and maternal health, his leadership in advancing health equity through epidemiology, and his passion for teaching and mentorship of students and early-career investigators. **Read More**

Doctoral Students Awarded Canada Graduate Scholarships for 2025

Djavad Mowafaghian Centre for Brain Health (DMCBH)



The DMCBH congratulates their current Graduate Program in Neuroscience students who have received awards through the Canada Graduate Scholarships – Doctoral Program from the Canadian Institutes of Health Research and the Natural Sciences and Engineering Research Council. Seven students have been provided with funding, including Anjana Rajendran (*pictured*). **Read More**

Dr. Jayachandran Kizhakkedathu Awarded New Frontiers in Research Fund — Exploration Grant

UBC Life Sciences Institute



Over \$25 million in funding has been awarded through the New Frontiers in Research Funding - Exploration Stream to ensure the continued growth of Canada's research capacity, and its global leadership in social sciences and humanities research. Dr. Jayachandran Kizhakkedathu (*pictured*) is one of this year's awardees. **Read More**

UBC's Dr. Paul Keown Honoured with Clinical Trials BC Award for Advocacy and Leadership

UBC Faculty of Medicine



UBC Faculty of Medicine Professor Dr. Paul Anthony Keown (*pictured*) has been awarded the Clinical Trials BC Leadership & Advocacy Award for his outstanding contributions to organ transplant research, clinical trials, and medicine. The award recognizes leaders who educate, mentor, advocate, or spearhead projects, programs and strategies that benefit the clinical trials community in B.C. and nationally. **Read More**

Dr. Fiona Brinkman Receives Award for Scientific Excellence from Life Sciences BC

SFU Faculty of Science



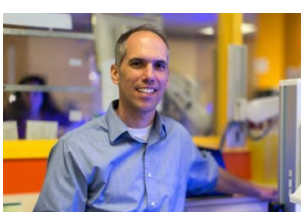
SFU Distinguished Professor Dr. Fiona Brinkman (*pictured*) has received the Genome British Columbia Award for Scientific Excellence from Life Sciences BC. This annual award honours an individual who has received significant national or international recognition in the field of genomics/omics, including bioinformatics, and systems biology. **Read More**

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Local News

Children with Chronic Medical Conditions at Greater Risk of Hospitalization from RSV

UBC Faculty of Medicine



Children with chronic medical conditions face a significantly higher risk of hospitalization due to respiratory syncytial virus (RSV) in their first two respiratory virus seasons, according to a recent study by researchers at UBC, BC Children's Hospital Research Institute, and BC Centre for Disease Control. Dr. Pascal Lavoie (*pictured*) led the study. **Read More**

OPTIMISE Trial Seeks to Personalize Cancer Treatment for Children with High-Risk Tumours

BC Children's Hospital Research Institute



The OPTIMISE trial—short for Optimal Precision Therapies to CustomISE Care in Childhood and Adolescent Cancer—is designed to match children, adolescents, and young adults with high-risk cancers to targeted therapies based on the genetic makeup of their tumours. Dr. Rebecca Deyell (*pictured*) will be leading the study at BC Children's Hospital. **Read More**

SFU Teams Up with Fraser Health to Launch New Health Research Institute

SFU News



SFU is partnering with Fraser Health (FH) to launch a new health research institute aimed at tackling some of the most pressing health issues across the region. The SFU-FH Health Research Institute (SFHRI) will bring together expertise from the two institutions to build collaboration and expand research opportunities, bridging the gap between health care and innovation. **Read More**

Welcoming Dr. Ben Koop to Genome BC's Board of Directors

Genome BC



Dr. Ben Koop (*pictured*) is a renowned genomics expert and Professor of Biology at the University of Victoria, with more than 30 years of experience advancing molecular evolution and genetic research. Dr. Koop has led major national and international initiatives exploring biodiversity, immunity, and aquatic health, and is now joining Genome BC's Board of Directors. **Read More**

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Interesting Articles

adMare Executive Institute Opens Applications for Eighth Cohort

adMare Bioinnovations



The adMare Academy is now accepting applications for the eighth cohort of its exclusive Executive Institute, Canada's premier leadership development program tailored for senior professionals in the life sciences sector. Cohort VIII will run from October 2025 to April 2026, featuring three multi-day in-person workshops in Montreal, Calgary, and Vancouver, along with a capstone presentation and graduation event in Toronto. **Read More**

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📅 Upcoming Events in Vancouver

August 14 12:00 PM	CBR – LSI Research Day 2025 UBC Life Sciences Centre
August 14 6:00 PM	After Dark: Sparks and Rec — Summer Party Edition Science World
August 21 5:00 PM	Beaty Nocturnal Beaty Biodiversity Museum
October 2 5:00 PM	27th Annual Life Sciences BC Awards Vancouver Convention Centre West
October 28 - 29 6:30 AM	LSBC's 10th Annual Invest in BC Presented by Lumira Ventures Vancouver Convention Centre West

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🏢 Science Jobs in Vancouver

Lab Technician Lux Bio
Computational Biologist, Clinical Canada's Michael Smith Genome Sciences Centre
Manager, Regulatory bioLytical Laboratories
Assistant Professor of Teaching in STEM Public Engagement UBC
Senior Associate/Associate Scientist, Biologic Discovery, <i>In Vitro</i> Pharmacology Amgen

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Customer Support Associate STEMCELL Technologies
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Recruiter STEMCELL Technologies
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Article: To Postdoc or Not to Postdoc?
Decision-Making Tips

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