

Publications of the Week

Neonatal Lipopolysaccharide Has Long-Term Effects on Steroids and Gene Expression in the Adult Mouse Brain

First Authors: Hitasha Bajaj and Melody Salehzadeh (*pictured*) | Senior Author: Annie Ciernia and Kiran Soma
Hormones and Behavior | UBC



Early-life infections can exert profound and lasting effects on brain development and function, potentially through sustained alterations in glucocorticoid signaling. Here, researchers investigated whether a neonatal immune challenge alters brain steroids and gene expression in adulthood. These findings clarify how neonatal lipopolysaccharide exposure shapes brain steroid profiles and gene expression.

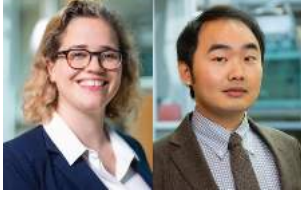
[Abstract](#)

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Awards

Drs. Sabrina Leslie and Xin Tang Receive Funding Through Grants for Catalyzing Research Clusters Program to Launch New Research Cluster

UBC Michael Smith Laboratories



Drs. Sabrina Leslie (*pictured, left*) and Xin Tang (*right*) have been awarded funding through the 2026/27 Grants for Catalyzing Research Clusters (GCRC) competition at UBC to launch a new research cluster that brings together advanced imaging and AI technologies to accelerate research. The GCRC program aims to support interdisciplinary teams at UBC to explore new research areas and accelerate impact. [Read More](#)

Dr. Nicole Krentz Receives Breakthrough T1D Career Development Award to Advance Type 1 Diabetes Research

UBC Faculty of Pharmaceutical Sciences



The UBC Faculty of Pharmaceutical Sciences has announced that Dr. Nicole Krentz (*pictured*), Assistant Professor, has been awarded a prestigious Career Development Award from Breakthrough T1D, the leading global type 1 diabetes (T1D) research and advocacy organization. The highly competitive award provides funding over five years to support Dr. Krentz's innovative research into T1D.

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UBC Medicine Faculty Leading Research Excellence Clusters to Address Complex Health Challenges

UBC Faculty of Medicine



UBC Medicine researchers are among the recipients of new funding to address some of the world's most complex and pressing health challenges through collaborative research clusters. A total of 43 Research Excellence Clusters led by researchers like Dr. Mypinder Sekhon (*pictured*) at UBC Vancouver are being supported in 2026/27 through the Grants for Catalyzing Research Clusters.

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Local News

New Study Points to Promising Ultrasound Treatment for Parkinson's Tremor

Djavad Mowafaghian Centre for Brain Health



Parkinson's disease affects nearly 12 million people worldwide—a number expected to more than double by 2050—and currently there is no cure. A new study recently published in the journal *Brain Stimulation* by Dr. Martin McKeown's (*pictured*) lab explores a promising target using a non-invasive alternative: low-intensity transcranial ultrasound stimulation. [Read More](#)

Appointment of Dr. Teresa Tsang as Executive Lead and Scientific Director, VCHRI AI Hub

Vancouver Coastal Health Research Institute (VCHRI)



Dr. Teresa Tsang (*pictured*) has been appointed as the Executive Lead and Scientific Director of VCHRI AI Hub, effective immediately through February 28, 2031. Dr. Tsang is a Professor of Cardiology in the Faculty of Medicine at UBC. She currently serves as Director of Echocardiography at Vancouver General Hospital and UBC Hospital, and as Director of the UBC Artificial Intelligence Echo Core Lab. [Read More](#)

Meet the 12 UBC High Potential Startup Ventures Presenting at Innovation UBC's 2026 Investor Showcase

T-Net



UBC has announced that twelve UBC ventures will be taking the stage at Innovation UBC's upcoming 2026 Investor Showcase to be held on April 14, 2026. This year's team spans four broad areas: health and digital therapeutics, medical devices and diagnostics, AI and deep tech, and clean materials and biotech. Together, they represent the breadth and quality of research translation emerging from UBC. [Read More](#)

GUNS Trial Updates: Precision Neoadjuvant Approaches for High-Risk Prostate Cancer

Vancouver Prostate Centre



Led by Dr. Martin Gleave (*pictured*), GUNS sequences needle biopsies during an eight-week apalutamide-based ARPI doublet to assign patients to biomarker-directed treatment subprotocols. Early results show that tailoring therapy based on tumor genomics can enhance response rates, particularly for patients with aggressive androgen receptor-associated and tumor suppressor gene alterations.

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FHS Community Members Launch Podcast Series Centering Indigenous Health and Justice

SFU Faculty of Health Sciences (FHS)



FHS Associate Professor Lyana Patrick (*pictured*) has released a new podcast, *From Ceremony Up*, that hosts conversations with Indigenous court workers, counsellors, scholars, and health and wellness providers about their experiences and perspectives on health, justice, and Indigeneity. "I've long incorporated creative practices into my research and education," says Dr. Patrick. "Podcasting is a natural extension of this work." [Read More](#)

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Interesting Articles

New Program to Fund AI and Digital Tools for Drug Discovery and Development

Conscience



Conscience has announced the launch of their new AI-driven Medicines (AIM) program. This program aims to drive transformative research that leverages computational or digital-based methods and tools to address critical, real-world challenges in the discovery and development of accessible and affordable medicines. [Read More](#)

The GAPP Genomics and Biotechnology Funding Opportunity is Open!

Genome BC



The Genomic Applications Partnership Program (GAPP) is Genome Canada's flagship commercialization program supporting industry driven R&D in genomics and biotechnology. It funds collaborations between a Canadian for-profit company and an academic research partner to translate biotechnology innovations into market ready products, processes, or technologies. Letters of intent are due April 13, 2026. [Read More](#)

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📅 Upcoming Events in Vancouver

April 24 8:00 AM	2026 PHC Health Ethics Conference SFU Morris J. Wosk Centre for Dialogue
April 30 4:00 PM	BioConnect BC (D.R.I.N.K.S. Vancouver) BAESIDE @ Mahonys False Creek
April 30 - May 2 4:00 PM	28th Annual Canadian Society of Echocardiography Hybrid Echo Weekend The Westin Bayshore
May 6 7:30 AM	Genome BC's 2026 Annual Genomics Forum: Resilience By Design UBC Robson Square
May 11 8:30 AM	2026 BCRegMed 9th Annual Symposium AMS Student Nest

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📄 Science Jobs in Vancouver

Laboratory Assistant ALS
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Research Coordinator Providence Research
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General Laboratory Technician, Wet Laboratory Bureau Veritas Canada

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Product Manager, Neuroscience STEMCELL Technologies
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Scientific Support Specialist, Immunology STEMCELL Technologies
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