

Publications of the Week

GluN2B-Specific NMDAR Positive Allosteric Modulation Reverses Cognitive and Behavioural Abnormalities in *Mecp2* and *Disc1* Transgenic Mice

First Authors: Yang Ge (*pictured*) and Tian Tian | Senior Author: Yu Tian Wang
Science Advances | UBC



Researchers developed a class of GluN2B-selective positive allosteric modulators and characterized the pharmacological properties and binding site of the lead compound, 175. Systemic application of 175 facilitates hippocampal long-term depression in rats. 175 restores performances in open-field exploration and three-chamber test in *Mecp2* overexpression mice that exhibit GluN2B hypofunction and autism-like features. [Abstract](#)

Multidimensional Characterization of Tumour–Immune Architecture Reveals Clinically Relevant Classic Hodgkin Lymphoma Subtypes

First Author: Tomohiro Aoki | Senior Author: Christian Steidl (*pictured*)
Cancer Research | BC Cancer, UBC, and SFU



The tissue architecture of classic Hodgkin Lymphoma (CHL) is unique among cancers and characterized by rare malignant Hodgkin and Reed-Sternberg cells that co-evolve with a complex ecosystem of immune cells in the tumour microenvironment. Here, researchers employed an integrative, multimodal approach to characterize CHL tumours using malignant cell sequencing, spatial transcriptomics, and imaging mass cytometry. [Abstract](#) | [Press Release](#)

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Awards

VCHRI Researchers Awarded CIHR Project Grants to Advance Health Research

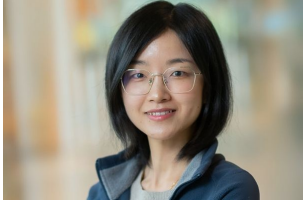
Vancouver Coastal Health Research Institute (VCHRI)



The Canadian Institutes of Health Research (CIHR) has announced the results of its Fall 2025 project grant competition. VCHRI congratulates all their researchers who were awarded project grants. Among the 20 grants awarded is one for Dr. Diane Lacaille's (*pictured*) project, "Emulating randomized controlled trials to assess the effectiveness and safety of semaglutide in inflammatory arthritis and type 2 diabetes." [Read More](#)

UBC Medicine Researchers Awarded More Than \$30 Million From CIHR

UBC Faculty of Medicine



UBC Faculty of Medicine researchers were awarded more than \$30 million in combined funding through the Canadian Institutes of Health Research (CIHR) Project Grant: Fall 2025 competition. The funding supports 40 projects led by Faculty of Medicine researchers. Among the awardees is Dr. Lyndia Wu (*pictured*), who earned a CIHR Priority Announcement. [Read More](#)

UBC Researchers Leading Projects Awarded More Than \$35 Million in CIHR Fall 2025 Project Grant Competition

UBC Research + Innovation



A total of 47 projects led by UBC researchers were awarded \$35.1 million in combined funding through the Canadian Institutes of Health Research (CIHR) Project Grant: Fall 2025 competition. On a national level, CIHR approved a total of 421 research grants, for a total investment of approximately \$413 million. Dr. Yuzhuo Wang (*pictured*) is among this year's cohort of winners. [Read More](#)

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Local News

There's Something in the Air... and That's Not Good

Research2Reality



It is well established that air pollution can adversely affect lung and heart health, but how does air pollution affect our immune system? A group of researchers from Canadian universities including the University of Toronto, the University of Calgary, McGill University, the University of Montreal, and UBC recently investigated this, and published their findings in *Rheumatology*. [Read More](#)

First-of-Its-Kind Pan-Canadian Trial to Treat Baby Brain Cancers Without Radiation

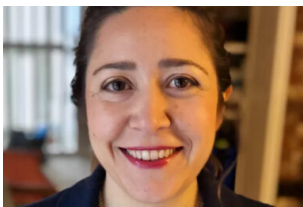
BC Children's Hospital Research Institute



Pediatric centres nationwide have united to launch the DECRYPT-BABYBRAIN trial, a first-of-its-kind clinical trial that uses chemotherapy delivered to the brain to avoid radiation in treating babies and young children with aggressive brain cancer. Short for Defeating Embryonal Cancer in Young People Together, the DECRYPT-BABYBRAIN trial is co-led by Dr. Sylvia Cheng (*pictured*) from BC Children's Hospital Research Institute. [Read More](#)

Using AI to Enhance Prevention of Diabetes-Related Blindness

UBC Faculty of Medicine



Sex differences could play a key role in how vision complications are diagnosed and managed in people with diabetes, according to a recent study led by UBC researcher Dr. Ipek Oruc (*pictured*). The study, published in *PLOS One*, used AI to identify potential differences in how diabetic retinopathy, the most common cause of blindness associated with diabetes, progresses depending on whether a patient is born male or female. [Read More](#)

Uncovering the Silent Threat of Liver Disease in Greater Vancouver

Vancouver Coastal Health Research Institute (VCHRI)



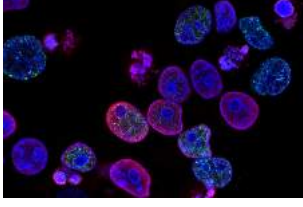
Metabolic dysfunction-associated steatotic liver disease (MASLD) is an umbrella term that encompasses various liver conditions ranging in severity. A recent study led by VCHRI researcher Dr. Daljeet Chahal (*pictured*), and supported by VCHRI researchers Drs. Peter Kwan and Eric Yoshida, has unveiled that a significant portion of the Greater Vancouver population is living with undiagnosed MASLD. [Read More](#)

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Interesting Articles

25 for 25: SCN's Silver Anniversary Awards

Stem Cell Network



The Stem Cell Network (SCN) has announced their 25th Anniversary "25 for 25" Silver Anniversary Awards, honouring 25 outstanding individuals or groups whose contributions have strengthened Canada's regenerative medicine ecosystem and helped define SCN over the past 25 years. Help recognize excellence in Canada's regenerative medicine community by nominating a colleague, organization, or group for one of five award categories before March 31, 2026. [Read More](#)

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Upcoming Events in Vancouver

February 25
8:00 AM

Annual Access to Innovation: Discovery to Impact: Life Sciences in Action
Vancouver Convention Centre West

February 26
8:00 AM

Annual Access to Innovation: Empowering Innovation, Transforming Health, Shaping Tomorrow
Vancouver Convention Centre West

February 26
4:00 PM

BioConnect BC (D.R.I.N.K.S. Vancouver)
BAESIDE @ Mahony's False Creek

March 6
9:00 AM

The Virtual Brain Node: Personalized Simulations for Cognitive Neuroscience
JW Marriott Parq Hotel

April 26
8:00 AM

2026 PHC Health Ethics Conference
SFU Morris J. Wosk Centre for Dialogue

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Science Jobs in Vancouver

Senior Quality Control Analyst
AbCellera

Associate Scientist, Predictive Biology
Amgen

Laboratory Assistant, Digestions
ALS

Medical Laboratory Technologist, Core Lab
Provincial Health Services Authority

Research Assistant
UBC

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STEMCELL Jobs in Vancouver

Senior Customer Success Consultant
STEMCELL Technologies

Quality Engineer, Instrumentation
STEMCELL Technologies

Manufacturing Technologist, Clean Room
STEMCELL Technologies

Material Handler
STEMCELL Technologies

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STEMCELL Technologies

[View 24 Other STEMCELL Jobs](#)

Free Wallchart: T Cell Nomenclature
From Subsets to Modules


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