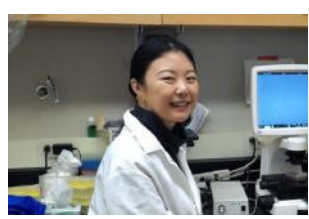


Publications of the Week

### A Novel Type-2 Innate Lymphoid Cell-Based Immunotherapy for Cancer

First Authors: Iryna Saranchova and Clara Wenjing Xia (*pictured*) | Senior Author: Wilfred Jefferies  
Frontiers in Immunology | The Vancouver Prostate Centre, the Djavad Mowafaghian Center for Brain Health, Center for Blood Research, and UBC



Recent insights may hold significant promise for Type 2 innate lymphoid cells (ILC2s) cell-based immunotherapy. This study demonstrates the functional significance of ILC2s in cancer immunosurveillance and provides the proof of concept of the potential utility of ILC2 cell-based cancer immunotherapies.

[Abstract](#) | [Press Release](#)

[View All Publications](#)

Awards

### Canada's Immuno-Engineering and Biomanufacturing Hub Research Teams Awarded \$140M in Federal Funding

UBC Faculty of Medicine



The Government of Canada announced an investment of \$140 million in projects associated with Canada's Immuno-Engineering and Biomanufacturing Hub — a UBC-led national research hub with more than 50 academic, industry, not-for-profit, and health sector partners. The four supported projects will accelerate the development and manufacturing of lifesaving medicine for patients and communities across Canada. [Read More](#)

### UBC Medicine Members Receive Funding for Projects Advancing Equity and Anti-Racism

UBC Faculty of Medicine



UBC Faculty of Medicine community members are among the recipients of funding from UBC's Strategic Equity and Anti-Racism Enhancement Fund. The new fund provides an annual recurring investment of \$100,000 from the UBC Equity & Inclusion Office to sponsor community-led initiatives like the Peer 2 Peer Mentorship Program and the seed2STEM Project. [Read More](#)

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Local News

### Microbial Enzymes Cut a Path Towards Universal Blood for Transfusions

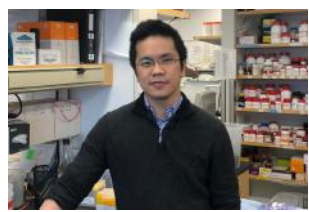
Chemistry World



Dr. Stephen Withers (*pictured*) at UBC has formed a company – Avivo – that is working with the U.S. FDA on eliminating the blood-matching barrier and are looking at enzymes to solve this problem. "[The FDA is] trying to understand what they would need us to do for a clinical trial," says Dr. Withers. "The regulatory agencies aren't quite sure how to deal with this. This isn't a normal drug, a biologic or a small molecule. Is it a medical device? They'll need to decide." [Read More](#)

### Asian Heritage Month: Dheva Setiaputra

SFU Faculty of Science



Dr. Dheva Setiaputra (*pictured*) is an Assistant Professor in the Department of Molecular Biology and Biochemistry at SFU. Dr. Setiaputra speaks about his career path in science through an East Asian lens and how he believes academia can continue to become more inclusive. "It will be a long and difficult road towards equity, but I believe that the Faculty of Science is on the correct trajectory," Dr. Setiaputra says. [Read More](#)

### 2024 Summer Students CBR-LSI Summer Studentship Program

The Centre for Blood Research (CBR)



The CBR is welcoming 20 summer students to this year's CBR-Life Science Institute (LSI) Summer Studentship Program. Over the next four months, these students will take part in exciting workshops alongside their research projects. Among this year's cohort is Houria Afshar (*pictured*) who will be working in Dr. Yossef Av-Gay's lab. [Read More](#)

### Dr. Pieter Cullis Celebrated at CMHF 2024 Induction Ceremony

Nanomedicines Innovation Networks (NMIN)



In a formal ceremony that took place in downtown Vancouver, BC, on 13 April 2024, NMIN's Founding Scientific Director Dr. Pieter Cullis (*pictured*) was inducted into the Canadian Medical Hall of Fame (CMHF). The CMHF selected Dr. Cullis as a 2024 inductee in recognition of his being "a leader in creating drug delivery systems to treat disease." [Read More](#)

### Prioritizing Mental Health Care with the Mood Disorders Centre

Djavad Mowafaghian Centre for Brain Health (DMCBH)



Celebrated yearly during the first week of May, Mental Health Week is a time for Canadians to promote mental health awareness. In honour of this annual awareness event, three research coordinators from the Mood Disorders Centre at the DMCBH discuss the significance of mental health research in improving treatment options and share tips on prioritizing well-being. [Read More](#)

### AI Can Tell If a Patient Battling Cancer Needs Mental Health Support

UBC Faculty of Medicine



Researchers at the UBC Faculty of Medicine and BC Cancer have developed a new artificial intelligence (AI) model that can accurately predict if a person receiving cancer care will require mental health services during their treatment journey. The principal investigator of this study is Dr. John-Jose Nunez (*pictured*), a Clinical Research Fellow with the UBC Mood Disorders Centre and BC Cancer. [Read More](#)

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### Upcoming Events in Vancouver

May 16 8:00 AM	<b>SynBio6.0</b> AMS Student Nest
May 24 9:00 AM	<b>StemCellTalks Vancouver – Building Blocks of Life: Applications of Stem Cells</b> Pharmaceutical Sciences Building
May 29 8:00 AM	<b>ISCT 2024</b> Vancouver Convention Centre
May 29 - 30 9:00 AM	<b>BioBasics 101: The Biology of Biotech for the Non-Scientist</b> Oceanic Plaza
June 4 9:30 AM	<b>SBME Symposium 2024</b> AMS Student Nest

[View All Events](#) | [Submit an Event](#)

### Science Jobs in Vancouver

- Research Associate in Proteomics**  
UBC
- Coordinator Health Sciences Learning Pathways (BSPN/HIM Focus)**  
Douglas College
- Undergraduate Co-op Student, R&D Biologics Discovery**  
Amgen
- Associate Scientist, Pharmaceutical Development**  
AbCellera
- Manager or Senior Manager, Clinical Operations**  
Xenon Pharmaceuticals

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