

Publications of the Week

Functional Targeting of ILC2s and ILC3s Reveals Selective Roles in Intestinal Fibrosis and Homeostasis

First Author: Ahmed Kabil (*pictured*) | Senior Authors: Michael Hughes and Kelly McNagny
Journal of Experimental Medicine | The Center for Heart Lung Innovation and UBC



Innate lymphoid cells (ILCs) are long-lived, tissue-resident cell analogs to T helper subsets that lack antigen-specific receptors. Understanding the roles of specific ILCs in chronic inflammation and fibrosis has been limited by inadequate tools for selective targeting. Here, researchers used *Il17rb-CreERT2-eGFP* and *Rorc-Cre* strains to selectively delete RORα in ILC2s and ILC3/Th17 cells, respectively.

[Abstract](#)

[View All Publications](#)

Awards

Passionate Research Mentor Receives Governor General's Gold Medal

SFU Faculty of Health Sciences



Dr. Anika Shahid (*pictured*), a new SFU Faculty of Health Sciences PhD alumnus, was awarded the 2025 Governor General's Gold Medal. The annual award recognizes graduating students that have accomplished outstanding academic achievement. "Being recognized with such a prestigious award is both an immense honor and motivation," she explains.

[Read More](#)

From Sri Lanka to Vancouver: UBC Alum Named to BC Business 30 Under 30 for Healthcare Innovation

UBC News



What started as a passion for helping others turned into a province-wide recognition of impact for Madhini Vigneswaran (*pictured*). The UBC Biomedical Engineering alum was recently named to the 2025 BC Business 30 Under 30 list for her innovative work in biomedical engineering and her commitment to community.

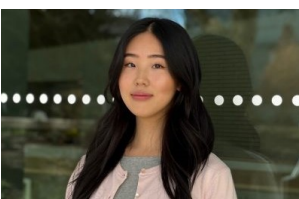
[Read More](#)

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

Local News

Welcome 2025 CBR Students!

The Centre for Blood Research (CBR)



The CBR welcomes 21 summer students to this year's CBR-LSI Summer Studentship Program. Over the next four months, these students will take part in exciting workshops alongside their research projects. Among the 21 students is Alice Hong (*pictured*), a recent BSc Biomedical Engineering graduate who is now beginning her MASc in the same program at the Tropini Lab.

[Read More](#)

Colorectal Cancer Leaves Lasting Toll on Women's Sexual Health

UBC News



A new UBC-led study is shedding light on a long-overlooked consequence of colorectal cancer: the lasting toll it can take on women's sexual health, even years after treatment ends. Researchers led by Dr. Mary De Vera (*pictured*) analyzed health data from more than 25,000 women in BC diagnosed with colorectal cancer. Cancer treatments such as surgery, chemotherapy, and radiation were linked to a range of long-term sexual health issues.

[Read More](#)

New Genomics Investments Expand eDNA Monitoring in BC's Remote and Indigenous Communities

Genome BC



Genome BC has announced significant new investments that will expand Canada's capacity for environmental DNA or RNA (collectively called 'eDNA') monitoring. These investments highlight British Columbia's leadership in leveraging genomics to address pressing environmental and health challenges, particularly in remote and Indigenous communities.

[Read More](#)

Breakthrough Minimally Invasive and Accessible Kidney Stone Treatment

Vancouver Coastal Health Research Institute



Novel Break Wave lithotripsy (BWL) technology offers a game-changing alternative treatment for kidney stones. Discussed in a study led by Vancouver Coastal Health Research Institute researcher Dr. Ben Chew, BWL is a portable and less invasive procedure than the current gold standard treatment, with the potential to enhance access for patients living in remote areas.

[Read More](#)

Behind the Lab Doors: Breaking Barriers with Assistive Technologies at MATTERS Lab

Vancouver Coastal Health Research Institute



In Canada, 10.6% of individuals aged fifteen and over have a mobility disability, meaning they experience difficulty or an inability to walk for 15 minutes without resting. At the Mobility Assistive Technology Evidence of Rehabilitation Science (MATTERS) Lab (*pictured*), researchers led by Dr. Bill Miller are harnessing digital innovation to transform care for this population.

[Read More](#)

NC4 Touch: Affordable Open-Source Touchscreen Technology for Rodent Behavioural Research

Djavad Mowafaghian Centre for Brain Health



When commercially available behavioural testing equipment is out of reach, some researchers get creative and build their own. That's exactly what Gelareh Modara (*pictured*), a Master's student in Dr. Manu Madhav's NC4 Lab and Dr. Jason Snyder's Lab, set out to do with NC4 Touch, a new open-source touchscreen chamber for rodents, designed to support cognitive and behavioural neuroscience research.

[Read More](#)

Prescription for Inclusive Healthcare

UBC Magazine



Pharmacists play a vital role in the lives of Canadians. However, members of the 2SLGBTQ+ community don't always feel safe and accepted when interacting with the healthcare system, which is why UBC lecturers Alex Tang (*pictured, left*) and Tristan Lai (*right*) recognized the need to create the PRIDE-RX project — one of Canada's first initiatives to integrate sexual orientation, gender identity, and expression into the four years of the Doctor of Pharmacy program.

[Read More](#)

New BFRC Research Reveals How Balance Adjustments Happen Outside Our Conscious Perception

UBC Balance and Falls Research Centre (BFRC)



Scientists at the BFRC have uncovered fascinating insights into how our balance system works without us even noticing. Published in *The Journal of Physiology* and co-led by Dr. Jean-Sébastien Blouin (*pictured*) at UBC, this research shows that our inner ears can detect and respond to subtle signals — so small we don't feel them — to keep us upright.

[Read More](#)

[View All Local News](#) | [Submit an Article](#)

Upcoming Events in Vancouver

June 19
5:00 PM

Beaty Nocturnal
Beaty Biodiversity Museum

June 19
7:00 PM

Science, Stand-Up, & Song
Fox Cabaret

June 25
11:30 AM

Queer Your (Science) Network
SFU Sci-Space

June 25
5:00 PM

LSBC Summer Social
Zymeworks

June 26
6:00 PM

After Dark: Lift-Off — LEGO® Bricks Edition
Science World

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

Science Jobs in Vancouver

Process Engineer
STEMCELL Technologies

Sales Development Representative
STEMCELL Technologies

Research Assistant 2, Research Integrative Oncology
BC Cancer

Postdoctoral Research Fellow, Wound Healing
UBC

Research Scientist, Antibody Purification
AbCellera

[View 50 Other Science Jobs](#) | [Submit a Job](#)

4 hilarious comedians
3 brilliant scientists
1 host to provide music along the way!

SCIENCE, STAND-UP, & SONG
With Dr. Marissa Lithopoulos
June 19, 2025
sciencestandupandsong.eventbrite.ca

SHOW AT 7:30pm
FOX CABARET

Submit your articles and events by reaching out to us at info@scienceinvancouver.com.

BROUGHT TO YOU BY



STEMCELL Technologies
Products | Services

STEMCELL Science News
Free Weekly Updates on Your Field

The Stem Cell Podcast
Interviews and Updates on Stem Cell Science