

Publications of the Week

Microbiome-Driven Alterations in Tryptophan Metabolism Contribute to Behavioral Comorbidities in the MUC2 Knockout Mouse Model of Chronic Colitis

First Author: Jessica Josephson *(pictured)* | Senior Author: Deanna Gibson
Gut Microbes | UBC



Globally, the incidence of inflammatory bowel disease is projected to reach 0.5% of the population by 2030. The mechanisms underlying these comorbidities remain unclear but may involve interacting pathways. Here, researchers investigated whether microbiome-associated alterations in neurometabolites are correlated with behavioral changes in a chronic colitis model. [Abstract](#)

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Awards

Ubc Researchers Leading Projects Awarded More Than \$45 Million in CIHR Spring 2026 Project Grant Competition

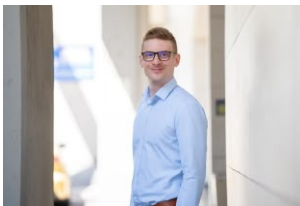
UBC Research + Innovation



A total of 51 projects led by UBC researchers were awarded \$45.8 million in combined funding through the Canadian Institutes of Health Research (CIHR) Project Grant: Spring 2026 competition. Among the awardees is Dr. Emilia Lim *(pictured)* for her project, "A single-cell spatial analysis of the impact of air pollution exposure on molecular pathways in lung cancer". [Read More](#)

Dr. John-Jose Nunez Awarded 2026 Canadian Cancer Society Emerging Scholar Research Grant

BC Cancer Research



Dr. John-Jose Nunez *(pictured)* is an Associate Medical Director for Supportive Care at BC Cancer and an Assistant Professor in the Department of Psychiatry at UBC. He was recently awarded a 2026 Canadian Cancer Society Emerging Scholar Research Grant for his work developing an AI tool to help people find the cancer care they need. [Read More](#)

Health Researchers Secure More Than \$4.2 Million in Funding

SFU News



Researchers at SFU have been awarded \$4,291,042 through the Spring 2026 competition of the Canadian Institutes of Health Research (CIHR) Project Grant program to advance research addressing some of today's most pressing health challenges. This year's awardees for CIHR's competitions is Drs. Lisa Julian, David Vocadlo, Bohdan Nosyk, and Kanna Hayashi *(pictured)*. [Read More](#)

Arlene Gidda Selected to Receive CGRS D

SFU Department of Molecular Biology and Biochemistry



Arlene Gidda *(pictured)* has been selected to receive the Canada Graduate Research Scholarship - Doctoral Program (CGRS D). The CGRS D program supports and promotes research excellence in a wide variety of disciplines and broad fields of health, natural sciences and engineering and social sciences and humanities, including interdisciplinary and multidisciplinary research. This support allows scholars to concentrate on their doctoral studies more fully. [Read More](#)

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Local News

A New Possible Treatment for Severe Bipolar Depression

Vancouver Coastal Health Research Institute



A first-of-its-kind study for bipolar depression is an encouraging first step toward the discovery of an effective therapy for patients with the condition. With support from Brain Canada, Vancouver Coastal Health Research Institute researcher Dr. Fidel Vila-Rodriguez *(pictured)* compared the off-label use of magnetic seizure therapy and a Health Canada-approved type of electroconvulsive therapy for bipolar depression. [Read More](#)

mRNA Cancer Vaccines Are Coming. What Are They and How Could They Transform Cancer Treatment?

Life Sciences BC



UBC professor Dr. Pieter Cullis *(pictured)* is one of the world's leading experts in lipid nanoparticle (LNP) technology, the delivery system that makes mRNA medicines possible. Life Sciences BC spoke with Dr. Cullis about what the latest results mean, how cancer vaccines work, and their potential to transform cancer treatment in the wake of the new mRNA-based cancer vaccine from Moderna and Merck. [Read More](#)

People in Profile: Rosalie Ho

Vancouver Coastal Health Research Institute



Rosalie Ho *(pictured)* is a research operations lead with the Prostate Cancer Supportive Care Program and Bladder Cancer Supportive Care Program, established by Vancouver Prostate Centre and the M.H. Mohseni Institute of Urologic Sciences. In this role, she supports clinical research, program evaluation, and implementation initiatives focused on urologic cancer supportive care. [Read More](#)

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Upcoming Events in Vancouver

September 2 6:00 PM	After Dark: Science of Sleight – Magic Edition Science World
September 9 5:00 PM	28th Annual Life Sciences BC Awards Vancouver Convention Centre West
September 9 7:00 PM	Nerd Nite v62: Springtails, Monopoly, and Psychedelics Fox Cabaret
September 17 5:00 PM	An Immense World: How Animal Senses Reveal the World Around Us The Old Auditorium
September 18 8:00 AM	BC Cancer Research Day 2026 UBC Medical Student & Alumni Centre

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Science Jobs in Vancouver

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