

Publications of the Week

Cataloging the Potential Functional Diversity of *Cacna1e* Splice Variants Using Long-Read Sequencing

First Authors: Shamsuddin Bhuiyan and John Tyson | Senior Author: Paul Pavlidis *(pictured)*
BMC Genomics | UBC



The degree to which alternative RNA splicing influences the function and structure of voltage gated calcium channel splice variants is poorly understood. Here, researchers used long-read RNA-sequencing to catalog rat *Cacna1e* splice variants, and computationally prioritize which are likely to impact voltage gated calcium channel function. [Abstract](#)

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Awards

SFU Scholars Advancing Innovation and Equity Named Canada Research Chairs

SFU News



On October 22, the federal government announced the Canada Research Chair appointments of Drs. Angela Kaida, Dara Kelly-Roy, Krista Stelkia *(pictured)*, Manolis Savva, Matthias Danninger, and Palashi Vaghela. These researchers advance Canadian research excellence in a range of areas, including health research, experimental particle physics, and Indigenous economic wellbeing and freedom. [Read More](#)

UBC Chemist Awarded National Early-Career Fellowship

UBC Science



Dr. Zachary Hudson *(pictured)*, a UBC chemist developing advanced materials that are transforming how we diagnose disease, has been awarded an Arthur B. McDonald Fellowship. He is among six promising early-career academic researchers honoured with the prestigious fellowships from the Natural Sciences and Engineering Research Council of Canada. [Read More](#)

Dr. Christian Steidl Receives AstraZeneca and Leukemia & Lymphoma Society Grant

BC Cancer Research



Dr. Christian Steidl *(pictured)*, Senior Scientist and Executive Director of Research at BC Cancer, is the recipient of a 2025 Operating Grant in Blood Cancer, co-funded by AstraZeneca Canada and the Leukemia & Lymphoma Society of Canada. The research is dedicated to developing innovative tools for precise and efficient gene editing in B-cell lymphomas. [Read More](#)

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Local News

Decoding Lymphoma: Genomics Reshapes How We Diagnose and Treat Relapsed Cancer

Genome BC



When lymphoid cancers return after treatment, they often become more aggressive and harder to treat. Until recently, doctors had few tools to predict relapse or guide care. That's changing, thanks to work led by Drs. Christian Steidl, Marco Marra, and David Scott *(pictured)* at BC Cancer. By sequencing relapsed tumours and analyzing their genomic evolution, the team has uncovered new biomarkers that differentiate aggressive subtypes and predict treatment response. [Read More](#)

GSC Collaborator Forum 2025: Celebrating Collaboration, Innovation, and the Future of Genomics

Canada's Michael Smith Genome Sciences Centre



On October 24, 2025, Canada's Michael Smith Genome Sciences Centre (GSC) hosted their second annual, highly successful Collaborator Forum, with a focus on single cell technologies. The day brought together researchers, partners, and innovators from across British Columbia's genomics community to share ideas, strengthen collaborations, and celebrate the GSC's next chapter. [Read More](#)

UBC Medicine Innovators Join Venture Founder to Accelerate Global Health Solutions

UBC Faculty of Medicine



Seven start-up ventures founded by UBC Faculty of Medicine community members have joined the 50th cohort of UBC's Venture Founder program to help address global challenges in areas including AI, biotechnology, health care, and cultural innovation. Venture Founder, which is part of Innovation UBC, supports the next wave of UBC entrepreneurs whose ideas and scientific breakthroughs are set to transform industries, and create lasting global impact. [Read More](#)

The Impact of Myofascial Dysfunction on Chronic Pain: Q&A With Dr. Gillian Lauder and Nicholas West

BC Children's Hospital Research Institute (BCCHR)



When factors that play a role in causing chronic pain are unexplained, pediatric patients may live with unresolved pain and difficulty finding a clear diagnosis. During National Pain Awareness Week, BCCHR sat down with two researchers to discuss myofascial dysfunction and pain: Dr. Gillian Lauder *(pictured)*, a BCCHR investigator and complex pain physician, and her clinical research coordinator, Nicholas West. [Read More](#)

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Interesting Articles

New Part-Time Graduate Study Options Now Available in Pharmaceutical Sciences

UBC Faculty of Pharmaceutical Sciences



The Faculty of Pharmaceutical Sciences has announced the introduction of part-time study options for its MSc and PhD programs. This initiative has been developed to provide enhanced flexibility for working professionals seeking to advance their expertise while maintaining their career and personal responsibilities. Now, MSc students can take up to five years to complete their degree and PhD students can take up to eight years to complete their program. [Read More](#)

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Upcoming Events in Vancouver

- | | |
|------------------------|--|
| November 20
5:00 PM | Beaty Nocturnal
Beaty Biodiversity Museum |
| November 27
4:30 PM | McCarthy Spotlight Speaking Series
McCarthy Tetrault LLP |
| December 2
6:00 PM | Nice Genes! LIVE: A Genome BC Podcast
H.R. MacMillan Space Centre |
| December 2
7:00 PM | Nerd Nite v59: Killer Whales, Leaving Religion, Animals & Climate Change
Fox Cabaret |
| December 3
6:00 PM | After Dark: Chillusions—Winter Magic Edition
Science World |

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Science Jobs in Vancouver

- Glioblastoma Program Lead**
Canadian Cancer Society
- Research Associate**
BC Brain Wellness Program
- Principal Immunoengineer, Translational Human Immunology**
Amgen
- Pharmacokinetics Intern (8-month Co-Op/Internship)**
AbCellera
- Biotechnology Technician**
UBC

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STEMCELL Jobs in Vancouver

- Scientific Recruiter**
STEMCELL Technologies
- Senior Manufacturing Technician, Finished Goods**
STEMCELL Technologies
- Planner, GMP**
STEMCELL Technologies
- Scientific Inside Sales Representative**
STEMCELL Technologies
- Manufacturing Technologist, Clean Room (12 Month Fixed Term)**
STEMCELL Technologies

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