

Publications of the Week

Germline CDK12 Variants in Aggressive Prostate Cancer

First Author: Sofie Tolmeijer (*pictured*) | Senior Author: Alexander Wyatt
Cancer Discovery | Canada's Michael Smith Genome Sciences Centre, BC Cancer, Terry Fox Foundation, and UBC



CDK12 mutations occur in 2-7% of metastatic prostate cancers (mPCa) and are considered to be exclusively somatic. Here, researchers identified five patients with mPCa harbouring germline CDK12 truncating variants among 4,535 tested (0.1%). All had CDK12-driven cancers defined by an additional somatic CDK12 variant and the CDK12-specific hallmark genomic instability signature characterized by hundreds of tandem duplications. [Abstract](#) | [Press Release](#)

[View All Publications](#)

Awards

FHS Researchers Secure CIHR Postdoctoral Fellowship Awards

SFU Faculty of Health Sciences (FHS)



Two researchers at the Faculty of Health Sciences have each successfully secured a prestigious Canadian Institutes of Health Research (CIHR) Postdoctoral Fellowship Award: Drs. Naomi Maldonado-Rodriguez (*pictured, left*) and Amanda Rowlands (*right*). The Postdoctoral Fellowship awards fosters the development and training of highly qualified personnel. [Read More](#)

DMCBH Members Receive Funding Through 2026 NSERC Discovery Research Program

Djavad Mowafaghian Centre for Brain Health (DMCBH)



\$630 million in funding through the Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Research Program was recently announced. Fifteen members of the DMCBH community were awarded 2026 Discovery Grants or Discovery Horizons Grants including Dr. Kota Mizumoto (*pictured*). [Read More](#)

SBME Faculty Awarded 2026 NSERC Funding for Innovative Research

UBC School of Biomedical Engineering (SBME)



The School of Biomedical Engineering congratulates six faculty members on receiving prestigious 2026 Natural Sciences and Engineering Research Council of Canada (NSERC) awards in support of their innovative research programs. Among the awardees is Dr. Christopher Moraes (*pictured*). He received an NSERC Research Tools and Instruments Grant. [Read More](#)

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

Local News

Genome BC Supports BC Innovator BugSeq in the Fight Against Antimicrobial Resistance

Genome BC



Antimicrobial resistance is one of the greatest public health challenges of our time. BugSeq, a Vancouver-based biotech, with support from Genome BC has developed an automated, cloud-based bioinformatics platform that enables clinical laboratories to rapidly identify and characterize pathogens and outbreaks in their healthcare systems. [Read More](#)

A Decade of Discovery: Celebrating 10 Years of the Neuroimaging and Neurocomputation Core

Djavad Mowafaghian Centre for Brain Health (DMCBH)



Over the past decade, the NeuroImaging and NeuroComputation Core (NINC) has grown from a shared collection of imaging and computational resources into a dynamic research hub that supports scientists across disciplines at DMCBH. As one of the DMCBH's core facilities, the NINC provides access to cutting-edge technologies while fostering a collaborative community dedicated to understanding the brain. [Read More](#)

CCTG Opens Its First Two Investigator-Led Cell Therapy Trials in Canada

BC Cancer Research



The Canadian Cancer Trials Group (CCTG)-led cell therapy trials has opened in Canada. These early-phase trials evaluate innovative cell therapy approaches to improve outcomes before and after CAR-T treatment for relapsed mantle cell lymphoma (IND245) and a novel Canadian-developed CAR T-cell therapy in relapsed solid tumours (IND246). [Read More](#)

Microbiology and Immunology Researchers Present at Autoimmune Biomedical Collaborative Symposium

UBC Microbiology and Immunology



The inaugural Autoimmune Biomedical Collaborative (ABC) Symposium took place on June 22 and 23 at UBC. UBC's ABC research cluster aims to forge connections across research, clinical practice, and patient needs to guide new interventions for autoimmune diseases. The symposium featured presentations on the latest research advances in autoimmunity, immunotherapy, novel biomarkers, and more. [Read More](#)

Founding Genome British Columbia Over a Series of Sunday Afternoons

Genome BC



Genome BC was officially founded on July 31st, 2000, the day of its legal incorporation. But long before that, the vision to build a genomics-focused "innovation community" in BC was already on the minds of certain visionaries. People like Drs. Roger Foxall (*pictured, left*) and Michael Smith (*right*) worked tirelessly behind-the-scenes to make Genome BC a reality. [Read More](#)

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

Your Voice

UBC-Spinout ScopeSys Aims to Transform Genetic Medicine Development with Single-Molecule Analytics

ScopeSys



Vancouver-based ScopeSys is working to change how the next generation of genetic medicines are developed and analyzed. Their Convex Lens-induced Confinement technology was pioneered by Dr. Sabrina Leslie from UBC. ScopeSys gives researchers a molecular view of DNA, proteins, RNA, lipid nanoparticles, live cells, and more. ScopeSys' CEO sat down with Science in Vancouver to discuss how they translated academic discovery into commercial technology. [Read More](#)

[View All Interesting Articles](#) | [Submit an Article](#)

Upcoming Events in Vancouver

July 23 6:00 PM	After Dark: Sparks and Rec – Outdoor Edition Science World
July 24 8:00 AM	Frontiers in Biophysics 2026 SFU Vancouver
July 25 7:00 PM	Science Under the Stars! UBC Hebb Theatre
September 9 5:00 PM	28th Annual Life Sciences BC Awards Vancouver Convention Centre West
September 17 5:00 PM	An Immense World: How Animal Senses Reveal the World Around Us The Old Auditorium

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

Science Jobs in Vancouver

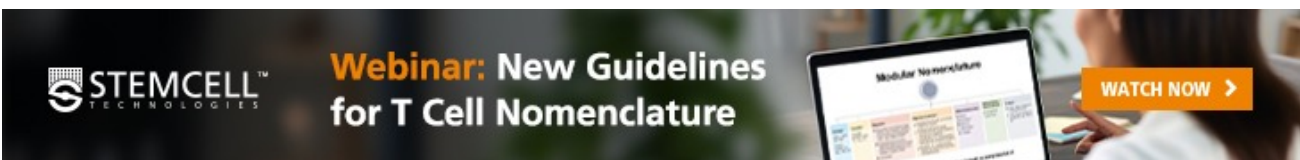
Scientist III, Preclinical NanoVation Therapeutics
Sample Preparation Technician ALS
Research Coordinator, CEDRN & SPSN UBC
Intermediate Biologist Arcadis
Research Projects Assistant, Breast Health BC Women's Hospital & Health Centre

[View 85 Other Science Jobs](#) | [Submit a Job](#)

STEMCELL Jobs in Vancouver

Senior Quality Assurance Associate, Systems STEMCELL Technologies
Quality Assurance Associate, Document Management and Training STEMCELL Technologies
Account Manager, Immunology STEMCELL Technologies
Senior Laboratory Operations Assistant STEMCELL Technologies
Equipment Technician STEMCELL Technologies

[View 16 Other STEMCELL Jobs](#)



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 Regular Updates on Your Field

The Stem Cell Podcast
Interviews and Updates on Stem Cell Science