

Publications of the Week

Targeted Splicing Approach for Alleviation of a Neurexin 1 Haploinsufficiency Model

First Author: Hong Lu | Senior Author: Ann Marie Craig *(pictured)*
Molecular Psychiatry | UBC



NRXN1 encoding the synaptic organizing protein neurexin 1 (Nrxn1) is among the strongest risk genes for autism spectrum disorders as well as other neuropsychiatric disorders. Researchers report that *Nrxn1*^{+/-} mice with a deletion affecting all isoforms, α, β and γ, show deficits in excitatory synaptic transmission affecting presynaptic and postsynaptic properties at hippocampal CA3-CA1 synapses, and show increased repetitive behaviours. **Abstract**

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Awards

Dr. Florian Kuchenbauer Receives Pediatric Blood Cancer Research Innovation Grant

BC Cancer Research



Dr. Florian Kuchenbauer *(pictured)*, a Distinguished Researcher at BC Cancer, is the recipient of a Pediatric Blood Cancer Research Innovation Grant from the Leukemia & Lymphoma Society of Canada. This grant is designed to challenge the current pediatric blood cancer landscape by providing funding for projects that will address unmet needs for pediatric blood cancers. **Read More**

Recipients of 2025 BC Cancer Emerging Multidisciplinary Research Programs Announced

BC Cancer Research



BC Cancer's 2025 Cancer Emerging Multidisciplinary Research Programs support research teams to initiate novel multidisciplinary research projects that aim to tackle well-defined issues or problems that affect patients living with cancer or at risk of developing cancer. The 2025 recipients are Dr. Cathie Garnis, Daniel Renouf, Ren Yuan, Jessica Chan, and Jonathan Loree *(pictured, left to right, top to bottom)*. **Read More**

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Local News

Dr. David Bangsberg Appointed Dean, Faculty of Health Sciences

SFU Faculty of Health Sciences



SFU Faculty of Health Sciences has announced that internationally recognized health scholar and researcher Dr. David Bangsberg *(pictured)* will begin his five-year tenure as Dean, starting on October 15, 2025. Dr. Bangsberg is an accomplished academic leader with extensive experience in building medical training programs, and creating partnerships. **Read More**

Q&A with Dr. Kerryn Matthews, Recipient of the 2025 Neil Mackenzie Mentorship Excellence Award

UBC Centre for Blood Research (CBR)



The CBR sits down to chat with Dr. Kerryn Matthews *(pictured)*, the recipient of the 2025 Neil Mackenzie Mentorship Excellence Award. "[This award] reminded me that the small, everyday acts of encouragement, listening, and sharing knowledge can have a real impact on the people around us," says Dr. Matthews. "I was both surprised and deeply honoured." **Read More**

Genomic Research Solves Major Challenge Facing BC's Blueberry Industry

Genome BC



A Genome BC funded research collaboration between the BC Blueberry Council, Simon Fraser University, and Phyto Diagnostics Company has uncovered why standard tests sometimes fail to detect viruses in visibly sick blueberry plants. Dr. Jim Mattsson's *(pictured)* team used genomic sequencing to uncover findings that led to new diagnostic tools that will help protect BC's blueberry sector. **Read More**

Northern Centre for Clinical Research Launches First Clinical Trial

UBC Faculty of Medicine



The Northern Centre for Clinical Research (NCCR) has launched its first clinical trial at the University Hospital of Northern British Columbia, providing people in rural, remote, and Indigenous communities the opportunity to participate in research for a potential new treatment for chronic kidney disease. This initiative is spearheaded by Dr. Anurag Singh *(pictured)*, an Assistant Professor at UBC and Director of the NCCR. **Read More**

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Interesting Articles

Call for Nominations Now Open for All NSERC Prizes

Natural Sciences and Engineering Research Council of Canada (NSERC)



Nominations are now being accepted for all NSERC prizes as per their new competition cycle. Prize recipients are role models for the research community and for future scientists and engineers. Consider nominating a colleague, a peer, a science promoter, a team, or a partnership that is deserving of this honour. Nomination deadlines range from November 15, 2025 to December 15, 2025. **Read More**

Launch of CACHE Challenge #7

Conscience



The CACHE Challenges, made possible by the Government of Canada's Strategic Innovation Fund, offer an open competition platform in which researchers from academia, industry, and nonprofits are invited to deploy their best computational methods to predict small molecules that will bind to a predefined target linked to a specific disease. The deadline to apply is September 15, 2025. **Read More**

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Upcoming Events in Vancouver

September 18 6:00 PM	After Dark: Actually, It Is Rocket Science — Space Edition Science World
September 22 3:30 PM	Crafting Visual Explanations of Complex Science: Philosophy and Practice Djavad Mowafaghian Centre for Brain Health
September 26 8:00 AM	BC Cancer Research Day UBC Medical Student & Alumni Centre
October 2 12:00 PM	STEMCELL Technologies Workshop Diamond Lecture Theatre
October 6 4:00 PM	Space Genetics: Epigenetic Evolution in Cancer and a 500-Year Plan for Synthetic Biology Vancouver Convention Centre West

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Science Jobs in Vancouver

In Vivo Specialist AbCellera
Multidisciplinary Research Chair BC Cancer
Postdoctoral Research Fellow UBC
Public Health Technologist, Environmental Microbiology BC Centre for Disease Control
Medical Laboratory Technologist Lower Mainland Laboratories

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STEMCELL Jobs in Vancouver

Senior Technical Writer STEMCELL Technologies
Customer Support Associate STEMCELL Technologies
Research Associate (Part-Time Weekend) STEMCELL Technologies
Quality Control Specialist, Cell Separation STEMCELL Technologies

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