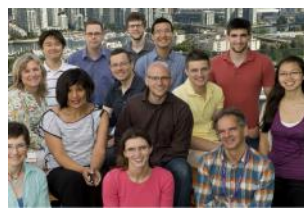


Publications of the Week

TMEM30A Loss-of-Function Mutations Drive Lymphomagenesis and Confer Therapeutically Exploitable Vulnerability in B-Cell Lymphoma

First Author: Daisuke Ennishi | Senior Author: Christian Steidl
Nature Medicine | BC Cancer and UBC



Integrative genomic and transcriptomic analysis of diffuse large B-cell lymphoma (DLBCL) uncovered recurrent biallelic transmembrane protein 30A (*TMEM30A*) loss-of-function mutations, which were associated with a favourable outcome and uniquely observed in DLBCL. Using *TMEM30A*-knockout systems, increased accumulation of chemotherapy drugs was observed in *TMEM30A*-knockout cell lines and *TMEM30A*-mutated primary cells. [Abstract](#)

Identification of Gene Signature for Treatment Response to Guide Precision Oncology in Clear-Cell Renal Cell Carcinoma

First Author: Ninadh D'Costa | Senior Author: Alan So (pictured)
Scientific Reports | Vancouver Prostate Centre and UBC

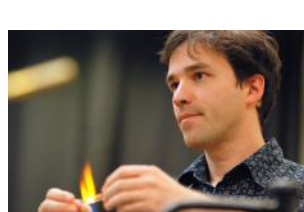


A recently published Phase II clinical trial observed a correlation between clear-cell renal cell carcinoma (ccRCC) patients' clustering and their response to targeted therapy. However, the clustering of these groups was not distinct. The authors analyzed the gene expression profile of 469 ccRCC patients using featured selection technique, and have developed a refined 66-gene signature for improved sub-classification of patients. [Abstract](#)

[View All Publications](#)

Awards

February 2020 Award Winners



Dr. Patrick Keeling (pictured), a Professor in the Department of Botany at UBC, has been awarded UBC's top research accolade, the Jacob Biely Faculty Research Prize. Dr. Keeling studies protists, which are single-celled organisms with a complex evolutionary history. Find out which other Vancouver researchers won grants, awards, fellowships and scholarships in our February Award Summary! [Read More](#)

2020 LifeSciences BC Annual Award Winners Announced

LifeSciences BC



LifeSciences BC has announced the recipients of the 22nd Annual LifeSciences BC Awards, presented by FARRIS. These awards are presented annually to recognize talented individuals and organizations that represent the life sciences ecosystem in B.C. Among the recipients is Dr. Aly Karsan (pictured), who has received the Genome BC Award for Scientific Excellence. [Read More](#)

BC Researchers Secure \$10M in Funding to Examine the Effectiveness of Genomics in Clinical Health Care

Genome BC



Genomics is transforming the way Canadians receive medical care — precise diagnoses and treatment based on each patient's genetic makeup. However, widespread adoption as a standard of clinical care is still a work in progress. Two BC based projects, led by Drs. Anna Lehman and Dean Regier (pictured), aim to answer outstanding questions about the clinical and cost-effectiveness of genomics to benefit patients of rare disease and cancer. [Read More](#)

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Local News

SFU Team Helps Discover Potential Superbug-Killing Compound

Simon Fraser University



Researchers in Dr. Fiona Brinkman's (pictured) laboratory at SFU are collaborating with U.S. researchers to test a new drug that can kill a wide range of superbugs — including some bacteria now resistant to all common antibiotics. Known as AB569, the drug contains two inexpensive chemicals that the researchers discovered work together to effectively kill disease-causing bacteria without harming human cells. [Read More](#)

Dr. Lynn Raymond Appointed Director, Djavad Mowafaghian Centre for Brain Health

Djavad Mowafaghian Centre for Brain Health



The UBC Faculty of Medicine and the Vancouver Coastal Health Research Institute have announced the appointment of Dr. Lynn Raymond (pictured) as Director of the Djavad Mowafaghian Centre for Brain Health. This appointment reflects the commitment of the Faculty of Medicine and its partners to upholding the vision of Dr. Djavad Mowafaghian and his foundation. [Read More](#)

RNA Granules Meeting in Vancouver Looks to the New Frontier in Neurodegeneration

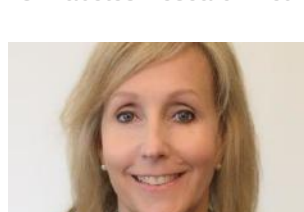
Djavad Mowafaghian Centre for Brain Health



The third RNA Granules meeting is set to bring experts ranging from basic scientists to clinicians who are involved in this exciting area of research together in Vancouver. The goal of the conference is to discuss the latest advances in cell biology, neurobiology, microbiology and physical chemistry which have revealed insights into the role of RNA granules. [Read More](#)

Podcast Episode 4 “Diabetes: From Beta Cells to Bicycles”

BC Diabetes Research Network



The BC Diabetes Research Network has released the fourth episode of their podcast, “Diabetes: From Beta Cells to Bicycles”. Dr. Angela Devlin (pictured), a Professor in the UBC Department of Pediatrics, talks about her multi-disciplinary approach to research in obesity and risk of type 2 diabetes in children, as well as early interventions in pregnancy and early childhood diets. [Read More](#)

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Interesting Articles

Roadmap for Open Science to Reduce Barriers and Speed Up Discovery

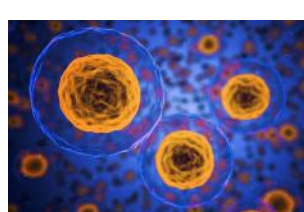
Government of Canada



The Government of Canada is bolstering its efforts in making federal science open and accessible to all thanks to the Roadmap for Open Science -- a set of ten recommendations delivered by Canada's Chief Science Advisor, Dr. Mona Nemer (pictured). The principles revolve around people, transparency, inclusiveness, collaborations and sustainability. [Read More](#)

Canada's Stem Cell Network Investing in Advanced Research on Type 1 Diabetes, Heart Diseases & Vision Loss

Stem Cell Network



The Stem Cell Network (SCN) has announced \$6.9 million in funding for innovative stem cell and regenerative medicine research that will help advance discoveries into better health and economic growth for Canadians. The SCN will support a total of nine research projects and four clinical trials from across Canada, in areas such as type 1 diabetes, heart disease, severe burns and vision loss. [Read More](#)

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Upcoming Events in Vancouver

March 10 5:00 PM	SFU and UBC Postdoctoral Association Career Networking Night SFU Segal Building
March 10 6:00 PM	Celebrate Research: Shaping our Knowledge of Chronic Disease St. Paul's Hospital
March 11 6:00 PM	Open Science Network – Open Lab MakerLabs
March 12 12:30 PM	Three Minute Thesis Final Jack Poole Hall, Robert H. Lee Alumni Centre
March 14 9:30 AM	UBC Gender Equity & STEM Conference 2020 Irving K Barber Learning Centre

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STEMCELL Jobs in Vancouver

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STEMCELL Technologies

Scientist, Immunology
STEMCELL Technologies

Scientist, Liver
STEMCELL Technologies

Process Chemist, Nanoparticles
STEMCELL Technologies

Program Lead, Quality Control
STEMCELL Technologies

[View 92 Other STEMCELL Jobs](#)

Other Science Jobs in Vancouver

Biomaterials Scientist, Product Development
Aspect Biosystems

Senior Scientist, Antibody Assessment
AbCellera

Scientist, Product Development
Precision Nanosystems

Project Manager, Drug Discovery
Xenon

Lecturer and Coordinator
UBC

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hPSC MAINTENANCE AND BANKING
Webinar by Dr. Tenneille Ludwig

STEMCELL | nature.research

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