

Publications of the Week

Transient Sox9 Expression Facilitates Progression to Castrate Resistant Prostate Cancer

First Author: Mannan Nouri (*pictured, right*) | Senior Author: Ralph Butyan (*third from right*)
Clinical Cancer Research | Vancouver Prostate Centre



Unique prostate cancer (PCa) cell models that captured androgen receptor-negative/low (AR^{Low}) stem cell-like intermediates were analyzed for features of plasticity and the functional role of Sox9. Sox9 was transiently upregulated in castration-induced progression of PCa xenografts and was specifically overexpressed in neoadjuvant hormone therapy treated patient tumours. [Profile](#) | [Abstract](#)

Pathogenic Potential of *Hic1*-Expressing Cardiac Stromal Progenitors

First Author: Hesham Soliman (*pictured*) | Senior Author: Fabio Rossi
Cell Stem Cell | UBC



The authors identified heart-resident PDGFRα⁺ SCA-1⁺ cells as cardiac fibro/adipogenic progenitors, and showed that they responded to ischemic damage by generating fibrogenic cells. Pharmacological blockade of this differentiation step with an anti-fibrotic tyrosine kinase inhibitor decreased post-myocardial infarction remodelling and led to an improvement in cardiac function. [Abstract](#)

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Awards

UBC Researchers Awarded \$37M in CIHR Fall 2019 Project Grant Competition

UBC Research + Innovation



UBC researchers have been awarded \$36.6M for 58 projects at the university and its affiliated health authority research centres through a Canadian Institutes for Health Research (CIHR) Fall 2019 Project Grant. As CIHR's largest funding program, the Project Grant competitions support multi-year grants for researchers at various stages in their careers, like Dr. Jan Friedman (*pictured*), as they conduct research projects that cover the full range of health research topics. [Read More](#)

DMCBH Scientists among Top 100,000 Cited Researchers Worldwide

Djavad Mowafaghian Centre for Brain Health



A newly developed database lists over 100,000 of the most-cited researchers in the world in all fields of science. Members from the Djavad Mowafaghian Centre for Brain Health (DMCBH) are well represented in this database, with 64 members ranking in the top 100,000 authors. Dr. Liisa Galea (*pictured*) appears in the list of top 100,000 researchers, placing in the top 1% of citations worldwide. [Read More](#)

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Local News

How Do Men and Women Store Fat Differently? Ask the Fruit Fly.

UBC News



When it comes to determining how women and men store fat differently, it turns out fruit flies may hold the key. Researchers from UBC's Faculty of Medicine have used fruit flies to make a fundamental genetic discovery about differences between how males and females store and metabolize fat. They have identified a fat metabolism gene that regulates the male-female difference in fat storage. [Read More](#)

AbCellera Is Mobilizing a Response to the Novel Coronavirus Outbreak as Part of its DARPA P3 Program

AbCellera



AbCellera has confirmed that it is mobilizing its pandemic response platform against the ongoing outbreak of a novel coronavirus (2019-nCoV) originating in Wuhan, China. AbCellera's rapid, high-throughput therapeutic antibody discovery technology will be used to discover coronavirus-neutralizing antibodies that could ultimately be deployed to stop transmission of the 2019-nCoV outbreak. [Read More](#)

Dr. Chonnetia Jones Joins MSFHR as Vice President, Research

Michael Smith Foundation for Health Research



Dr. Chonnetia Jones (*pictured*), a respected scientist with extensive health research funding experience, will join the Michael Smith Foundation for Health Research (MSFHR) as Vice President, Research. In her role, Chonnetia will lead the funding programs, ensuring support for our province's talented health researchers in improving the health of British Columbians and their health system. [Read More](#)

Dr. Piotr Kozlowski Appointed Director, UBC MRI Research Centre

Djavad Mowafaghian Centre for Brain Health



Dr. Piotr Kozlowski (*pictured*) has been appointed to the role of Director, UBC MRI Research Centre. Dr. Kozlowski had been Associate Director since the Centre was established 2005. For much of his time with UBC, Dr. Kozlowski has directed the 7T-MRI facility housed in the Life Sciences Centre, managing preclinical model imaging and molecular imaging for researchers in various disciplines across UBC's Vancouver campus. [Read More](#)

Luigi Franciosi Explains How Technology Has Changed the Healthcare Industry

Technology Marketing Corporation



Over the past few decades, technology has advanced tremendously and has integrated seamlessly with almost every field, including healthcare. Dr. Luigi Franciosi, an Adjunct Professor of Pharmacology at UBC, has over twenty years of experience in the healthcare industry, and has seen firsthand the changes in the industry. [Read More](#)

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Interesting Articles

NSERC Announces Funding for Science Communications Skills

Natural Sciences and Engineering Research Council of Canada



NSERC has launched a pilot funding opportunity to enhance the communications skills of students and researchers in the natural sciences and engineering. Such skills will contribute to science literacy, help counter science-related misinformation, and foster a role for science in evidence-based decision making. Organizations may request up to \$20,000 in funding for a one year period. [Read More](#)

Schulich Leader Scholarships Double in Size – With Up to \$900,000 Being Made Available for UBC STEM Students

UBC Development and Alumni Engagement



Seymour Schulich, a leading Canadian businessman and philanthropist, has deepened his investment in university entrance scholarships to \$200 million to keep Canada at the forefront of the knowledge-based economy. Schulich Leader Scholarships are now doubling from 50 to 100 annual awards. These STEM undergraduate scholarships offer the largest payout of any scholarship program, at a value of \$100,000 or \$80,000 each depending on the area of study. [Read More](#)

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 **Upcoming Events in Vancouver**

- February 5
8:00 AM **Access to Innovator**
Vancouver Convention Centre West
- February 6
8:00 AM **Science of Cocktails**
Science World at Telus World of Science
- February 7
11:00 AM **SFU Omics Research Day**
SFU Big Data Hub
- February 11
7:30 PM **The Story Collider – Misfits**
Fox Cabaret
- February 12
5:30 PM **Informed Opinions: Writing Compelling Commentary to Extend Your Influence**
BCIT Downtown Campus

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 **STEMCELL Jobs in Vancouver**

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STEMCELL Technologies
- Scientist, Particle Chemistry**
STEMCELL Technologies
- Field Applications Specialist**
STEMCELL Technologies
- Scientific Marketing Specialist, Hematology**
STEMCELL Technologies
- Social Media Coordinator**
STEMCELL Technologies

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 **Other Science Jobs in Vancouver**

- Quality Control Project Manager/Scientist, CMC**
Xenon
- Scientist I/II, Developmental Immunology**
Notch Therapeutics
- Lecturer, Genetics and Microbiology**
Simon Fraser University
- Postdoctoral Fellow Position, Cancer Research**
BC Children's Hospital Research Institute
- Industrial Technology Advisor**
National Research Council of Canada

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