

Publications of the Week

Specific Loss of Adipocyte CD248 Improves Metabolic Health via Reduced White Adipose Tissue Hypoxia, Fibrosis and Inflammation

First Author: Paul Petrus | Senior Author: Edward Conway (pictured, centre)
EBioMedicine | The Centre for Blood Research and UBC



The authors evaluated the role of CD248 in adipocyte function and glucose metabolism. Adipocyte-specific and inducible *Cd248* knockouts in mice, both before and after diet-induced obesity and insulin resistance/glucose intolerance, resulted in increased microvascular density as well as attenuated hypoxia, inflammation and fibrosis without affecting fat cell volume. [Profile](#) | [Abstract](#)

Therapeutic Implication of Genomic Landscape of Adult Metastatic Sarcoma

First Author: Xiaolan Feng | Senior Author: Janessa Laskin (pictured)
JCO Precision Oncology | BC Cancer, BC Children's Hospital and UBC



The authors investigated the therapeutic potential of integrated genome and transcriptome profiling of metastatic sarcoma, a rare but extremely heterogeneous group of aggressive mesenchymal malignancies with few systemic therapeutic options. The most frequent genomic alterations in the participating cohort were large-scale structural variation and somatic copy number variation. [Abstract](#)

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Awards

June 2019 Award Winners



Dr. Stuart Turvey (pictured) from the BC Children's Hospital Research Institute is one of fifteen new Canada Research Chairs at UBC, having been named a Canada Research Chair in Pediatric Precision Health, Tier 1. The Canada Research Chair program helps attract and retain top researchers across the country. Find out who else in Vancouver won awards and scholarships in the month of June! [Read More](#)

St. Paul's Heart-Rhythm Disorders Specialist Named One of Canada's Top 40 Under 40

Providence Health Care



Dr. Zachary Laksman (pictured), a specialist in heart-rhythm disorders at Providence Health Care, has been named a recipient of Canada's Top 40 Under 40 for 2019. He is a Cardiac Electrophysiologist and Assistant Professor at UBC and the Director of the St. Paul's Hospital Atrial Fibrillation Clinic and the Inherited Arrhythmia Clinic. He focuses on stem cell disease modelling and drug screening, cardiogenetics, and personalized medicine. [Read More](#)

Dr. Steven J.M. Jones Appointed Canada Research Chair for Computational Genomics

Canada's Michael Smith Genome Sciences Centre



Dr. Steven Jones (pictured), Co-Director and Head of Bioinformatics at Canada's Michael Smith Genome Sciences Centre and Professor of Medical Genetics at UBC, has been named the first Tier 1 Canada Research Chair in Computational Genomics. His research program is firmly entrenched in genome science to better understand the complete mutational landscape of cancers. [Read More](#)

The 2019 Friedman Award for Scholars in Health Recipients

UBC Medicine



Three graduate students and four medical residents from the UBC Faculty of Medicine, including Dr. Henry Lu (pictured), are among eight recipients of this year's Friedman Award for Scholars in Health. The award supports learning and research opportunities for graduate students or medical residents working in the broad area of health, to bring new perspectives to their education and further their career. [Read More](#)

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Local News

Her Royal Science Tells the Stories of the Scientists Behind the Science

Djavad Mowafaghian Centre for Brain Health



Asma Bashir (pictured), a PhD candidate at UBC, is exposing a world that is invisible to many, offering a glimpse at the researcher behind the research in *Her Royal Science*, a podcast launched this week that looks at the lives of scientists in and outside of the lab. The project aims to bring awareness to the lack of diversity that exists in STEM fields, through talking about individual experiences. [Read More](#)

Dr. Annie Vogel Ciernia's Lab to Look at Immunological Underpinnings of Neurodevelopmental Disorders

Djavad Mowafaghian Centre for Brain Health



Dr. Annie Vogel Ciernia (pictured) has opened her lab at the Djavad Mowafaghian Centre for Brain Health; she joins UBC as an Assistant Professor in the Department of Biochemistry & Molecular Biology. Her research program will focus on how genes control development in the brain, and the mechanisms by which disruptions in gene regulation can negatively impact brain function. [Read More](#)

Dr. Michael Murphy Appointed Head of UBC Microbiology and Immunology

UBC Science



Michael Murphy (pictured) has been appointed Head of the Department of Microbiology and Immunology. Murphy investigates how bacteria respond to stresses such as iron limitation, antibiotics, and barriers to motility. His lab investigates the function of proteins involved in stress response through a combination of structure determination, genetic phenotypes, and biochemical assays. [Read More](#)

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Upcoming Events in Vancouver

- July 9 6:30 PM **Vancouver STEMminist Book Club**
Hycroft Manor
- July 14 - 17 8:00 AM **STI & HIV 2019 World Congress**
Vancouver Convention Centre
- July 24 - 26 8:00 AM **17th Annual Precision Medicine and Ion Channel Retreat**
Sheraton Vancouver Wall Centre
- August 4 1:00 PM **Squid Ancestors are Way Cool because...**
Beaty Biodiversity Museum
- August 13 12:00 PM **CBR Research Day**
UBC Life Sciences Centre

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STEMCELL Jobs in Vancouver

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STEMCELL Technologies
- Scientist, Pulmonary**
STEMCELL Technologies
- Scientist, Contract Assay Services**
STEMCELL Technologies
- Research Associate, Bioengineering**
STEMCELL Technologies
- Research Associate, Human Immunology**
STEMCELL Technologies

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Other Science Jobs in Vancouver

- Canada Research Chair, Stem Cell Biology**
Simon Fraser University
- Principal Scientist and Group Lead, Molecular Simulations**
Zymeworks
- Manager, Microbiology**
Anandia
- Postdoctoral Fellow Position, Stem Cell Bioengineering**
UBC School of Biomedical Engineering
- Computational Biologist**
BC Cancer

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