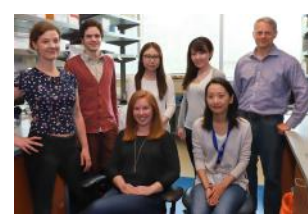


Publications of the Week

**H3K4 Trimethylation Is Required for Postnatal Pancreatic Endocrine Cell Functional Maturation**

First Author: Stephanie Campbell (*pictured, front left*) | Senior Author: Brad Hoffman (*back right*)  
Diabetes | BC Children's Hospital Research Institute and UBC



During pancreas development, endocrine progenitors differentiate into the islet cell subtypes, which undergo further functional maturation in postnatal islet development. The authors investigated the role of histone H3 lysine K4 (H3K4) trimethylation in endocrine cell differentiation and functional maturation by disrupting trihorax-group protein complex histone methyltransferase activity in mouse endocrine progenitors. [Abstract](#)

**Characterization of the Gut Microbiome in a Porcine Model of Thoracic Spinal Cord Injury**

First Author: Adam Doelman | Senior Author: Brian Kwon (*pictured*)  
BMC Genomics | ICORR, Sequencing and Bioinformatics Consortium, and UBC



The gut microbiome is a diverse network of bacteria which inhabit our digestive tract and is crucial for efficient cellular metabolism, nutrient absorption, and immune system development. Spinal cord injury (SCI) disrupts autonomic function below the level of injury and can alter the composition of the gut microbiome. The authors characterized the composition of the gut microbiome in a Yucatan minipig SCI model. [Abstract](#)

[View All Publications](#)

Awards

**Dr. Karen Gelmon Awarded Doctors of BC Terry Fox Medal**

BC Cancer Research



Dr. Karen Gelmon (*pictured*) is a prolific researcher, a talented leader, a fierce advocate and philanthropist, a gifted teacher, a generous mentor, and a compassionate clinician. She is this year's recipient of the Terry Fox Medal, which recognizes outstanding individuals with a track record of making a difference in cancer care. [Read More](#)

**Dr. Connie Eaves Recognized for Outstanding Lifetime Achievements in Cancer Research**

UBC Faculty of Medicine



Dr. Connie Eaves (*pictured*), a Professor in the UBC Faculty of Medicine's Department of Medical Genetics, has received the 2021 Award for Outstanding Achievements in Cancer Research from the Canadian Cancer Research Alliance (CCRA). The CCRA Awards acknowledge and celebrate the contributions of individuals who have had a remarkable impact on cancer research and the cancer research community. [Read More](#)

**2021 NMIN Postdoctoral Fellowship in Gene Therapy Winner Announced**

NanoMedicines Innovation Network



The NanoMedicines Innovation Network (NMIN) has announced the recipient of its 2021 NMIN Postdoctoral Fellowship in Gene Therapy: Dr. Miffy Hok Yan Cheng (*pictured*). The awardee was selected by the members of NMIN's Research Management Committee, based on the applicant's qualifications, as well as the quality of the proposed research project and training opportunity. [Read More](#)

**Kelly McNagny Awarded National Mentorship Award for 2021**

UBC Faculty of Medicine



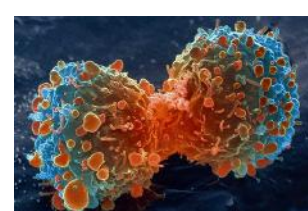
Dr. Kelly McNagny (*pictured*) has been awarded a 2021 Michelle Harkness Mentorship Excellence Award (MHMA). Dr. McNagny, a Professor in the Faculty of Medicine's Department of Medical Genetics, is one of the exemplars of mentorship excellence from across the country who are being recognized with MHMA awards, which are presented by AllerGen. [Read More](#)

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Local News

**Zymeworks Launches Global Phase 3 Zanidatamab Trial in First-Line HER2-Positive Gastroesophageal Adenocarcinoma**

Zymeworks



Zymeworks, a clinical-stage biopharmaceutical company developing multifunctional biotherapeutics, together with its partner BeiGene, announced the launch of HERIZON-GEA-01. This is a randomized, global Phase 3 study evaluating Zymeworks' investigational HER2-targeted bispecific antibody, zanidatamab, plus chemotherapy, with or without BeiGene's anti-PD-1-targeted antibody tislelizumab, versus standard of care for the first-line treatment of metastatic HER2-positive gastroesophageal adenocarcinoma. [Read More](#)

**BC-CfE Researchers Examine a Novel Antiviral Compound Discovery**

BC Centre for Excellence in HIV/AIDS (BC-CfE)



Dr. Peter Cheung (*pictured*), a staff scientist in the BC-CfE laboratory, recently published a paper as a co-first author on the topic of a novel antiviral compound discovery. Dr. Cheung worked with researchers at UBC and the University of Toronto to characterize chemical compounds that inhibit HIV in novel ways compared to antiretroviral agents currently used. [Read More](#)

**Dr. Syam Somasekharan Appointed Senior Research Scientist**

Vancouver Prostate Centre



Dr. Syam Somasekharan (*pictured*) has been appointed as a Senior Research Scientist at the Vancouver Prostate Centre. Dr. Somasekharan is a research scientist who is conducting cutting edge research to understand the role of RNA regulatory networks involved in stress adaptation and treatment resistance in prostate cancer. [Read More](#)

**Halting COVID-19 in Its Tracks**

UBC Faculty of Medicine



Nearly two years into the pandemic, there remain a handful of approved therapies to treat COVID-19. And with emerging variants threatening the effectiveness of existing vaccines, there is an ever-pressing need to find new treatment approaches to fight the disease. At UBC, Drs. Dermot Kelleher (*pictured*) and Shane Duggan are redirecting elements of their groundbreaking research on esophageal disease to develop a novel aerosol treatment for COVID-19. [Read More](#)

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**Upcoming Events in Vancouver**

- November 17-18 **Image Guided Therapeutics and Diagnostics Symposium**  
9:30 AM Online
- November 17 **MSL Seminar Series: November Trainee Talks**  
3:00 PM MSL Lecture Theatre & Online
- November 18 **2021 Don Rix Distinguished Keynote Address**  
8:00 AM Online
- November 18-20 **BC Cancer Summit**  
8:30 AM Online
- November 18 **WorkBC SSWR/Cloverdale Virtual Hiring Event with STEMCELL Technologies**  
2:30 PM 2:30 PM

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**STEMCELL Jobs in Vancouver**

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STEMCELL Technologies
- Program Manager, Strategic Pricing**  
STEMCELL Technologies
- Program Manager, Services for Cell Therapy**  
STEMCELL Technologies
- Quality Assurance Specialist**  
STEMCELL Technologies
- Senior Business Development Officer**  
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**Other Science Jobs in Vancouver**

- Assistant Professor, Plant Bioengineering**  
Michael Smith Laboratories
- Coordinator, Research Approvals**  
Vancouver Coastal Health
- Research Scientist, Immunology**  
AbCellera
- Director, Alliance Management**  
Zymeworks
- Postdoctoral Research Fellow, Mammalian Synthetic Biology and Organoid Engineering**  
UBC

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