

Publications of the Week

Epithelial Tumour Suppressor ELF3 Is a Lineage-Specific Amplified Oncogene in Lung Adenocarcinoma

First Author: Katey Enfield | Contributing Author: Erin Marshall (pictured) | Senior Author: Wan Lam
Nature Communications | BC Cancer



Gene function in cancer is often cell type-specific. The epithelial cell-specific transcription factor ELF3 is a documented tumour suppressor in many epithelial tumours, yet displays oncogenic properties in others. The authors showed that ELF3 is an oncogene in the adenocarcinoma subtype of lung cancer, providing genetic, functional, and clinical evidence of subtype specificity. [Profile](#) | [Abstract](#)

Initiation of Human Mammary Cell Tumorigenesis by Mutant KRAS Requires YAP Inactivation

First Author: Sylvain Lefort | Senior Author: Connie Eaves (pictured)
Oncogene | BC Cancer



High YAP activity is associated with poor prognosis human breast cancers, but its role during the initial stage of mammary cell transformation is unknown. The authors designed experiments that exploited the ability of KRAS^{G12D}-transduced subsets of freshly isolated normal human mammary cells to form invasive tumours rapidly and efficiently when transplanted into immunodeficient mice. [Abstract](#)

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Awards

Insightful Guidance Leads Dr. Leonard Foster to Win a 2019 Killam Award for Excellence in Mentoring

Michael Smith Laboratories



Dr. Leonard Foster's (pictured) students describe him as an outstanding scientist and mentor who cares deeply about their learning, creativity, growing independence, career development, and wellbeing. Dr. Foster has been recognized for his exceptional mentorship efforts by receiving a 2019 Killam Award for Excellence in Mentoring. [Read More](#)

2019 Women's Health Research Institute Catalyst Grant Recipients

Women's Health Research Institute



Dr. Manish Sadarangani (pictured) is among a group of researchers who have received a 2019 Women's Health Research Institute Catalyst Grant, which provides support for pilot studies in women's and newborn's health and aims to generate preliminary data, test new approaches, methodologies or tools, bring new teams together, and/or support new research in women's and newborn's health from established researchers. [Read More](#)

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Local News

Gut Checking Microbiome Research

Genome BC



A initiative partly funded by Genome BC is exploring the impact of the microbiome on the development of childhood asthma. The project is led by Dr. Stuart Turvey (pictured), a pediatrician specializing in allergy and immunology at BC Children's Hospital Research Institute. Turvey is also one of the co-leaders of the Canadian Healthy Infant Longitudinal Development (CHILD) study, following 3,500 Canadian children in the hopes of identifying the root causes of asthma. [Read More](#)

Specialized Immune Cells Could Help Repair Damage from Inflammatory Bowel Disease in Children

BC Children's Hospital Research Institute



A new study led by Dr. Megan Levings (pictured) at BC Children's Hospital and UBC suggests that specialized immune cells that dampen inflammation and help repair the gut could be used as a potential therapy for children dealing with the painful symptoms of inflammatory bowel disease (IBD). The researchers have found that Tr1 cells isolated from patients with IBD are just as capable of reducing inflammation as those derived from healthy individuals. [Read More](#)

Robert Hogg Named Faculty of Health Sciences's New Associate Dean, Research

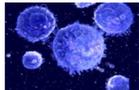
SFU Faculty of Health Sciences



Dr. Robert Hogg (pictured) has been appointed as the new Associate Dean of Research in the Faculty of Health Sciences (FHS) at SFU. Hogg will lead the ongoing implementation of FHS's strategic research plan and oversee various research projects and initiatives in each of the faculty's six major research challenge areas. [Read More](#)

Decipher Biosciences Announces Research Collaboration with Dendreon to Identify Genomic Drivers of Patient Response to Sipuleucel-T

T-Net



Vancouver-based Decipher Biosciences, a leader in the field of urologic cancer genomics, has announced a research collaboration with Dendreon Pharmaceuticals, a commercial-stage biopharmaceutical company and pioneer in the development of immunotherapy, to apply genomic tumour profiling using the Decipher[®] assay and GRID[®] software to identify prostate cancer patients on active surveillance who may benefit most from treatment with sipuleucel-T. [Read More](#)

UBC and Oxford University Create Global Network for Training in Clinical Pharmacology

UBC Medicine



UBC and Oxford have signed a memorandum of understanding to create a pathway for the exchange of people and ideas to accelerate growth in the field. The Sultan Karim Fellowship in Clinical Pharmacology, established at UBC's Faculty of Medicine, forms part of this innovative strategy to involve more clinical pharmacologists in the early stages of drug development to assess drug efficacy. [Read More](#)

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 **Upcoming Events in Vancouver**

- December 17
12:00 PM **Brown Bags @UBC**
Chan Gunn Pavilion
- December 18
4:00 PM **D.R.I.N.K.S. (Discussions Relevant to Inspiring New Knowledge and Science)**
Mahony and Sons, Stamps Landing
- December 18
7:00 PM **Nerd Nite Solstice Spectacular 2019**
Fox Cabaret
- December 19
6:15 PM **STEM:W**
Vancouver Public Library, Mount Pleasant Branch
- January 18
11:00 AM **LifeSciences BC Career Connect Day**
Sheraton Vancouver Wall Centre

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 **STEMCELL Jobs in Vancouver**

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[STEMCELL Technologies](#)
- Research Associate, Human Immunology**
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- Process Chemist, Nanoparticles**
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 **Other Science Jobs in Vancouver**

- Tenure-Track Assistant Professor/Tier 2 Canada Research Chair Position**
UBC Faculty of Pharmaceutical Sciences
- Director, Medical Affairs**
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- Senior Scientist, Biology**
Chinook Therapeutics
- Scientist, Protein Technologies**
Amgen
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