

Publications of the Week

### Phenotype-Independent DNA Methylation Changes in Prostate Cancer

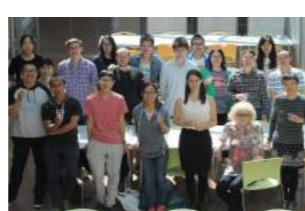
First Author: Davide Pellacani (*pictured*) | Senior Author: Norman Maitland  
British Journal of Cancer | Terry Fox Laboratory and the BC Cancer Agency



Using changes present in both basal and luminal cancer cells, the authors derived a new 17-CpG prostate cancer signature with high predictive power in the TCGA dataset. Many frequent DNA methylation changes previously attributed to prostate cancers are here identified as differences between luminal and basal cells in both normal and cancer samples. [Profile](#) | [Abstract](#)

### TIR-NB-LRR Immune Receptor SOC3 Pairs with Truncated TIR-NB Protein CHS1 or TN2 to Monitor the Homeostasis of E3 Ligase SAUL1

First Author: Wanwan Liang | Senior Author: Xin Li (*front row, right*)  
New Phytologist | Michael Smith Laboratories and UBC



Intracellular nucleotide-binding (NB) and leucine-rich repeat (NLR) proteins function as immune receptors to recognize effectors from pathogens. The authors uncovered differential pairings of typical toll interleukin1 receptor (TIR) type NLR receptor SOC3 with atypical truncated TIR-NB (TN) proteins CHS1 or TN2 to guard the homeostasis of the E3 ligase SAUL1. [Abstract](#)

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Awards

### October 2018 Award Winners



Dr. Connie Eaves (*pictured*), Professor of Medical Genetics and Distinguished Scientist at the BC Cancer Agency, has been inducted into the 2019 Canadian Medical Hall of Fame. Find out which other researchers in Vancouver won grants, awards, fellowships, or scholarships in the month of October! [Read More](#)

### Downtown Eastside's Dr. Christy Sutherland Named One of Canada's Top Family Physicians of 2018

The Georgia Straight



The College of Family Physicians of Canada and the Foundation for Advancing Family Medicine has named a Downtown Eastside doctor as one of its 2018 family physicians of the year. Dr. Christy Sutherland (*pictured*) is a medical director for Portland Hotel Society Community Services Society, Education Physician Lead for the B.C. Centre on Substance Use, and a Clinical Assistant Professor at UBC. [Read More](#)

### 2018 Health System Impact Fellows

Michael Smith Foundation for Health Research (MSFHR)



MSFHR is partnering with the Canadian Institutes of Health Research's Institute of Health Services and Policy Research to co-fund six 2018 Health System Impact Fellows, enabling a total of 13 Fellows, including Dr. Margo Pearce (*pictured*), to be awarded in BC, supporting the development of BC's health policy talent while addressing pressing policy issues in our province. [Read More](#)

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Local News

### Prime Minister of Canada Announces Establishment of Premier Centre for Advanced Medical Isotope Research and Development at TRIUMF

TRIUMF via Newswise



During his visit to Canada's particle accelerator centre – which is celebrating its 50<sup>th</sup> anniversary throughout 2018 – the Prime Minister announced funding to construct the Institute for Advanced Medical Isotopes, a premier centre for the life sciences that will expand Canada's role in fast-moving advances in nuclear medicine that will improve health and save lives. [Read More](#)

### China CDC and BC Centre for Excellence in HIV/AIDS Renewed Partnership Reaffirms Commitment to International Collaboration in Fight Against HIV/AIDS

BC Centre for Excellence in HIV/AIDS



The National Centre for AIDS/STD Control/Prevention and Chinese Centre for Disease Control and Prevention (China CDC) and British Columbia Centre for Excellence in HIV/AIDS (BC-CFE) are renewing their partnership to tackle HIV/AIDS. The China and BC-CFE memorandum of understanding establishes a three-year HIV Treatment as Prevention<sup>®</sup> Fellowship program that will allow top Chinese scientists to come to Vancouver to work with researchers and clinicians at the BC-CFE. [Read More](#)

### The London Drugs and Tong and Geraldine Louie Family Foundations Make Significant \$6.5 Million Donation to St. Paul's Foundation

St. Paul's Foundation



The London Drugs and Tong and Geraldine Louie Family Foundations have made a substantial \$6.5 million donation in support of the provincial Heart Centre at the new St. Paul's. The leadership gift will provide the Heart Centre the opportunity to bolster recruitment, and fund specialized cardiac programs and research through the establishment of professorships and professional education. [Read More](#)

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### Upcoming Events in Vancouver

- November 7  
11:30 AM **2018 Medicine Research Expo**  
Paetzold Auditorium
- November 8  
4:00 PM **McCarthy Spotlight Speaking Series: The Science of Communication**  
McCarthy Tetrault LLP
- November 14  
6:00 PM **Precision Medicine: How Science is Changing the Future of Healthcare**  
Telus World of Science
- November 15  
7:15 AM **Earl W. Davie Symposium**  
Segal Building
- November 16 - 17  
8:00 AM **Vancouver Diabetes Research Day 2018**  
UBC Life Sciences Institute

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### STEMCELL Jobs in Vancouver

- Senior Manager, Nanoparticle Engineer**  
STEMCELL Technologies
- Associate Product Manager, Pluripotent Stem Cell Biology**  
STEMCELL Technologies
- Business Analyst, Strategic Pricing**  
STEMCELL Technologies
- Research Associate, Bioinformatics**  
STEMCELL Technologies
- Process Development Associate, GMP**  
STEMCELL Technologies

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### Other Science Jobs in Vancouver

- Postdoctoral Fellow**  
UBC
- Regional or Sr. Regional Medical Liaison, Cardiovascular**  
Amgen
- Associate Research Scientist, Formulations**  
Acuitas Therapeutics
- Senior Associate GMP Manufacturing**  
Evonik
- National Coordinator**  
Providence Health Care Research Institute

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