

Publications of the Week

**TRIM25 Promotes Capicua Degradation Independently of ERK in the Absence of ATXN1L**

First Author: Derek Wong | Senior Author: Stephen Yip (pictured)  
BMC Biology | BC Cancer and UBC



Aberrations in *Capicua* (*CIC*) have recently been implicated as a negative prognostic factor in a multitude of cancer types through the derepression of targets downstream of the mitogen-activated protein kinase signalling cascade. The post-translational regulation of *CIC* through ATXN1L and TRIM25 independent of ERK activity suggests that the regulation of *CIC* stability and function is more intricate than previously appreciated and involves several independent pathways. [Profile](#) | [Abstract](#)

**Sexual Dimorphism: Ecdysone Modulates Sex Differences in the Gut**

First Author: Jason Millington (pictured, left) | Senior Author: Elizabeth Rideout (pictured, right)  
Current Biology | UBC



Sex differences in the *Drosophila* gut were discovered only recently. In their dispatch, the authors review recent work that significantly extends our understanding of how steroid hormones specify these male-female differences by revealing a key role for ecdysone in regulating intestinal stem cell proliferation. [Abstract](#)

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Awards

October 2020 Award Winners



Ariana Cahn (pictured), a UBC MSc student under the supervision of Drs. Lakshmi Yatham and Trisha Chakrabarty, has received a Djavad Mowafaghian Centre for Brain Health Endowment Award for transformational activity in mental health. Find out which other Vancouver researchers won grants, awards, fellowships and scholarships in our October 2020 award summary. [Read More](#)

**Dr. Thalia Field Named to Canada's Top 40 Under 40 for 2020**

UBC Medicine



Dr. Thalia Field (pictured) has been named to Canada's Top 40 Under 40 list for 2020, an annual recognition of the exceptional achievements of 40 outstanding Canadians under the age of 40. Dr. Field, an Associate Professor in the Department of Medicine at UBC, is a stroke neurologist and clinician-researcher with a focus on clinical trials. [Read More](#)

**B.C. Technology Impact Awards Honour Medtech, Biotech Firms Amid Pandemic**

Business in Vancouver



The West Coast innovation section got the chance to really prove its tech cred by going virtual for the annual Technology Impact Awards. Top honours went to tech companies specializing in everything from reimagining the way labour markets are researched to the way agricultural economics work in the near future. Among the winners was AbCellera for Excellence in Global Export. [Read More](#)

**BC Children's and BC Women's Hospital Researchers Receive CIHR Project Grants**

BC Children's Hospital Research Institute



Congratulations to the BC Children's and BC Women's investigators who were awarded funding through the Canadian Institutes of Health Research (CIHR) Project Grant Spring 2020 competition. Among the recipients is Dr. K.S. Joseph (pictured), who will be investigating chronic diseases in mothers and risks of neuro-developmental disorders in offspring. [Read More](#)

**Dr. Allison Eddy Selected as Fellow by the Canadian Academy of Health Sciences**

BC Children's Hospital Research Institute



Dr. Allison Eddy (pictured) has been named a Fellow by the Canadian Academy of Health Sciences (CAHS). The CAHS brings together Canada's top-ranked health and biomedical scientists and scholars to make a positive impact on the urgent health concerns of Canadians. Dr. Eddy is internationally recognized for her discovery research into the cellular and molecular mechanisms of kidney fibrosis. [Read More](#)

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Local News

**Burnaby Biotech Starts Oral Vaccine Trial as 335 Cases Reported in B.C.**

Vancouver Sun



A Burnaby biotech company has enrolled and dosed its first volunteer with an oral DNA vaccine to prevent COVID-19. Symvivo Corporation has reported that "investigators have enrolled and dosed the first healthy volunteer in [Symvivo's] bacTRL-Spike COVID-19 Phase 1 clinical trial in Australia." According to the firm, the treatment delivers genetic material to the gut, which directs the body to produce an immune response against COVID-19. [Read More](#)

**eDNA to Monitor Changes in Freshwater Ecosystems**

Genome BC



Genome BC is funding Dr. Cathryn Abbott, a research scientist with Fisheries and Oceans Canada, to develop a reference encyclopedia, or DNA library, for all known freshwater fish species in BC, both native and invasive. This will enable scientists to confidently use environmental DNA (eDNA) results to develop an accurate species list for the sampled area. [Read More](#)

**Alpha-9 Theranostics Announces Successful Completion of Phase I/II Trial with A9T-1101 in Patients with Neuroendocrine Tumours Diagnostic Imaging Candidate Confirms Utility of BF3 Technology**

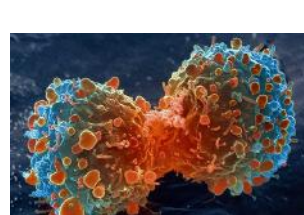
LifeSciences BC



Alpha-9 Theranostics Inc., a radiopharmaceutical company developing unique technology for imaging and treatment of metastatic cancer, has completed a Phase I/II clinical trial of its neuroendocrine tumour imaging agent A9T-1101 at BC Cancer. The outcome of the trial confirmed the utility, biodistribution and safety of A9T-1101. Alpha-9 now intends to advance A9T-1101 into a larger clinical trial, sufficient to seek approval for market entry. [Read More](#)

**East-West Academic-Industry Research Collaboration to Identify Lung Cancer Biomarkers**

LifeSciences BC



Two Japanese institutions, RIKEN and Keio University, Korean biotechnology start-up iPrime Therapeutics Co., and Vancouver-based biotech company iProgen Biotech Inc., have entered into a research collaboration to identify biomarkers unique to lung cancer cells suitable for targeted therapeutics. The results of the research will be used to develop new antibodies that can target cancer cells. [Read More](#)

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**Upcoming Events in Vancouver**

- November 13 8:00 AM **Vancouver Diabetes Research Day** Online
- November 17 8:00 AM **Virtual Earl W. Davie Symposium 2020** Online
- November 18 1:00 PM **Clee Symposium** Online
- November 19 - 21 8:00 AM **Association for Molecular Pathology Annual Meeting & Expo** Online
- November 20 4:00 PM **Science Grand Slam 2020** Online

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**STEMCELL Jobs in Vancouver**

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**Other Science Jobs in Vancouver**

- Research Associate**  
UBC Department of Pediatrics
- Associate Scientist, Antibody Engineering**  
AdMare Bioinnovations
- Senior Research Scientist, Antibody Expression & Purification**  
AbCellera
- Research Associate II, Protein Purification, Protein Engineering Exploratory Research Unit**  
Zymeworks
- Quality Assurance Specialist**  
Canada's Michael Smith Genome Sciences Centre at BC Cancer

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