

Publications of the Week

**LIN28B Promotes the Development of Neuroendocrine Prostate Cancer**

First Author: Jessica Lovnicki | Senior Author: Xuesen Dong *(pictured)*  
The Journal of Clinical Investigation | UBC



Using prostate adenocarcinoma and therapy-induced neuroendocrine prostate cancer (t-NEPC) cell models, the authors demonstrated that LIN28B induces a stem-like gene network, neuroendocrine biomarkers, and neuroendocrine cell morphology. *LIN28B* depletion by CRISPR inhibited t-NEPC tumourigenesis and xenograft growth. [Profile](#) | [Abstract](#)

**Integrins Modulate Extracellular Matrix Organization to Control Cell Signalling during Hematopoiesis**

First Author: Rohan Khadikar *(pictured)* | Senior Author: Guy Tanentzapf  
Current Biology | UBC



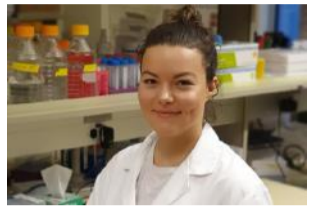
The authors showed that integrins play a key role during fly hematopoiesis in regulating cell signals that control the behaviour of hematopoietic progenitors. Integrins can regulate hematopoiesis directly, via focal adhesion kinase signalling, and indirectly, by directing extracellular matrix assembly and/or maintenance. [Profile](#) | [Abstract](#)

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Awards

**Championing Up and Coming Researchers: Trainee Awards**

Vancouver Coastal Health Research Institute



Vancouver Coastal Health Research Institute (VCHRI) has awarded the Top Graduating Doctoral Student Awards and the Rising Star Awards, which recognize outstanding efforts by VCHRI research trainees in research excellence, service as role models, and other contributions to the VCH research community. Among the recipients is Katlyn Richardson *(pictured)*, who is investigating the role of granzyme K in skin health and disease. [Read More](#)

**Dr. Larissa Kraus Awarded Walter Benjamin Fellowship**

Djavad Mowafaghian Centre for Brain Health



Dr. Larissa Kraus *(pictured)* has been awarded the Walter Benjamin fellowship from the German Research Foundation. The fellowship is awarded to postdoctoral researchers who are in the early stages of their postdoc career to launch their own research project. Dr. Kraus will be joining Dr. Mark Cembrowski's lab at UBC in September, having recently completed her PhD in Berlin. [Read More](#)

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Local News

**UBC Scientists Sequencing the Genomes of Canadians with COVID-19**

UBC News



Through the Canadian COVID Genomics Network — a new initiative launched by Genome Canada and backed by \$40 million in federal funding — scientists across Canada are collaborating on genomics-based research to find solutions to COVID-19. Among those involved are Drs. Terry Snutch *(pictured)* and Steven Jones, both Professors in the UBC Faculty of Medicine. [Read More](#)

**New Study Looks at Role of ARNT2 in Myelin-Producing Cells**

Djavad Mowafaghian Centre for Brain Health



An important goal in multiple sclerosis research is determining how to repair or preserve myelin, the protective sheath covering nerve fibres which is damaged in people with the disease. This is not an easy task, considering the exact process by which myelin is damaged is still not well understood. To get a better grasp on this, a team led by Dr. Jacqueline Quandt *(pictured)* at the Djavad Mowafaghian Centre for Brain Health has been studying the role of ARNT2. [Read More](#)

**The B.C. Engineer Behind 3D-Printed Human Tissues**

Business in Vancouver



As a kid, it was never Tamer Mohamed's *(pictured)* grades that irked his parents come report-card time. It was the comments from his physical education teachers: "He's just overly competitive to the point of getting insane and being mad when [he doesn't] win," recalls the CEO and co-founder of Aspect Biosystems Ltd., whose company is best known for its 3D-printed human tissue technology. [Read More](#)

**Venture Spotlight Series: Lab2Launch x Mentors Edition**

Entrepreneurship@UBC



Entrepreneurship at UBC is working with a pool of 200 extraordinary mentors across Vancouver's ecosystem who share countless hours of their time and expertise to coach venture teams from the outset of their venture building journeys. This article introduces some of their current ventures and mentors who are helping to drive discoveries and ideas to impact. [Read More](#)

**UBC Researchers Set Sights on Coronavirus Antibodies**

UBC Medicine



A new research project at UBC may produce new treatment methods for patients with COVID-19 and help prevent transmission of the deadly virus. The project, led by two experts in infectious diseases — Dr. Horacio Bach and Dr. Ted Steiner *(pictured)*, Professors in UBC's Faculty of Medicine — aims to develop antibodies to prevent the novel coronavirus from entering cells in our body. [Read More](#)

**Canadian Consortium Increases Access to Cancer Testing and Treatment in Response to COVID-19**

LifeSciences BC



A consortium led by Vancouver-based Canexia Health will enable access to critical testing and treatment options for Canadian cancer patients during the COVID-19 pandemic. The project will deploy and enhance a liquid biopsy solution that requires only a simple blood draw for cancer treatment selection, thereby eliminating the need for many patients to travel to hospital for surgical biopsies. [Read More](#)

**New P.I. Spotlight: Dr. Annie Ciernia**

Neuropsyched



The Neuropsyched e-magazine highlighted Dr. Annie Ciernia *(pictured)*, Assistant Professor at UBC as of 2019, and Tier 2 Canada Research Chair in Understanding Gene Expression in the Brain. Her lab aims to understand how epigenetic mechanisms in microglia and neurons regulate gene expression critical for brain development, cellular function and behaviour. [Read More](#)

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 **Upcoming Events in Vancouver**

- July 28  
10:00 AM **Stem Cells from the Sofa Speaker Series: Dr. Bernard Thébaud**  
Online
- July 29  
9:00 AM **Live Panel: Advancing Tissue Therapeutics to the Clinic**  
Online
- July 29  
2:00 PM **Women's Health Research Institute Summer Social Media Series**  
Online
- August 5  
9:00 AM **Webinar: Impact of SARS-CoV-2 Infection on the Central Nervous System**  
Online
- August 13  
10:00 AM **CBR Research Day**  
Online

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 **Science Jobs in Vancouver**

**Senior Manager, Research Programs & Services**  
UBC Faculty of Medicine Research Office

**Manager, Infectious Disease Research Platform**  
UBC Faculty for Infectious Disease and Epidemic Research

**Senior Associate, Protein Expression**  
Amgen

**Associate Research Scientist, Antigen Production**  
AbCellera

**Research Technician/Associate**  
Precision Nanosystems

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