

Publications of the Week

Androgen Receptor (AR) Antagonism Triggers Acute Succinate-Mediated Adaptive Responses to Reactivate AR Signalling

First Author: Neeta Saxena (pictured, right) | Senior Author: Martin Gleave (pictured, left)
EMBO Molecular Medicine | Vancouver Prostate Centre and UBC



AR is a major driver of prostate cancer and AR pathway inhibition is a standard first-line therapy for advanced prostate cancer. However, cancer cells inevitably develop resistance to this therapy. The major focus of this research is exploring the adaptive survival mechanisms in response to acute treatment stress which assist in the development of treatment-resistant prostate cancer. [Profile](#) | [Abstract](#)

Disruption of Long-Term Depression Potentiates Latent Inhibition: Key Role for Central Nucleus of the Amygdala

First Author: Donovan Ashby | Senior Author: Anthony Phillips (pictured)
International Journal of Neuropsychopharmacology | UBC



This study reveals a previously unknown role for central amygdala long-term depression (LTD) in latent inhibition (LI) as a key mediator of cognitive flexibility required to respond to previously irrelevant stimuli that acquire significance through reinforcement. The findings may have relevance both for the mechanistic understanding of LI and its alteration in disease states such as schizophrenia, while further elucidating the role of LTD in learning and memory. [Profile](#) | [Abstract](#)

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Awards

March 2021 Award Winners

Science in Vancouver



Dr. Ging-Yuek Robin Hsiung (pictured) at the UBC Faculty of Medicine won a grant from the Canadian Institutes of Health Research to evaluate potential Alzheimer's disease blood biomarkers and improve risk stratification. Find out which other Vancouver researchers won grants, awards, or scholarships in this month's award summary. [Read More](#)

COVID-19 Virus Variants Research Receives National Funding

UBC Faculty of Medicine



Thirteen ongoing projects led by UBC researchers were awarded a total of \$939,626 in supplementary funding through the SARS-CoV-2 Variants Supplement: COVID-19 Rapid Research Funding Opportunity streams. Researchers include Dr. Kurt Haas (pictured), who is studying the effects of genetic variation in ACE2, the receptor for SARS-CoV-2. [Read More](#)

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Local News

One Health: Investing in Human, Animal, and Environmental Health

Genome BC



There is a critical need to monitor for the emergence of SARS-CoV-2 variants of concern. The virus replicates, with the potential for mutation, not only within the human population, but also within some animal populations that encounter humans. Farmed mink is of particular interest since they are highly susceptible to SARS-CoV-2. To address this, Genome BC is investing in a new project through its COVID-19 Rapid Response Funding Initiative. [Read More](#)

UBC Neuroscientist Joins Investigation of a Mysterious New Brain Disease

Djavad Mowafaghian Centre for Brain Health



When a mysterious neurological disease was recently discovered in New Brunswick, Dr. Neil Cashman (pictured), a clinician-scientist at UBC, was called into action. Because of his expertise in neurodegenerative diseases, in particular protein misfolding diseases, Dr. Cashman was asked to be an advisor on a surveillance system that monitors neurological illnesses that resemble Creutzfeldt-Jakob disease. [Read More](#)

Mystery of Photosynthetic Algae Evolution Finally Solved

UBC Faculty of Science



Up until now, how cryptophytes acquired the proteins used to capture and funnel sunlight to be used by the cell had molecular biologists scratching their heads. UBC biologist Dr. Beverley Green (pictured) and her colleagues examined electron microscope images of the antenna protein from a progenitor red algal organism, and can now finally tell the story of how this protein enabled these ancient single-celled organisms to thrive in the most inhospitable conditions. [Read More](#)

Announcing the 2021 Ready to Rocket List

SFU VentureLabs



The Ready to Rocket List is an annual list celebrating BC's leading growth tech companies, and consists of companies that are scaling revenue and have significantly increased their employee headcount. Life science companies on the list include Aspect Biosystems, Canary Medical, Fusion Genomics, Sitka Biopharma, and Sonic Incytes. [Read More](#)

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Upcoming Events in Vancouver

- April 6 4:00 PM **entrepreneurship@UBC Community Town Hall** Online
- April 7 12:00 PM **WiP Seminar: Dr. Chonnetia Jones** Online
- April 9 12:00 PM **Parkinson's Disease Panel Discussion: Research, Innovations, and Impacts** Online
- April 12 9:00 AM **Sex Cells!** Online
- April 13 1:00 PM **Diabetes Research: From Hormones to Social Influences – Meet the Researchers #3** Online

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STEMCELL Jobs in Vancouver

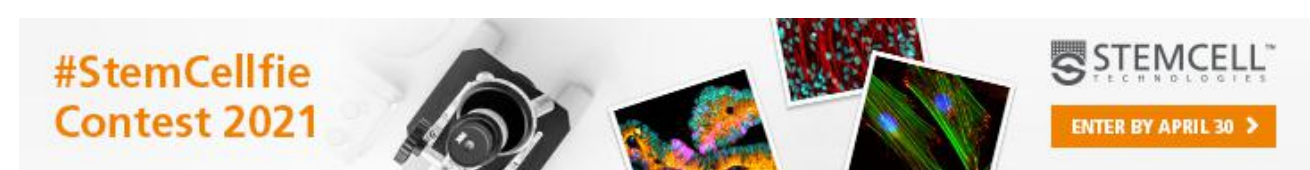
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- Program Manager, Diversity, Equity, and Inclusion**
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- Senior Research Technologist**
STEMCELL Technologies
- Manufacturing Technologist, Clean Room**
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- Scientific Recruiter**
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Other Science Jobs in Vancouver

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- Research Associate, Formulations**
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