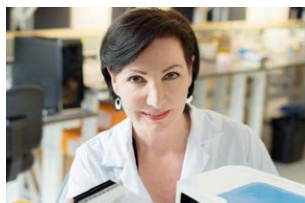


Publications of the Week

High-Density Lipoproteins Suppress A β -Induced PBMC Adhesion to Human Endothelial Cells in Bioengineered Vessels and in Monoculture

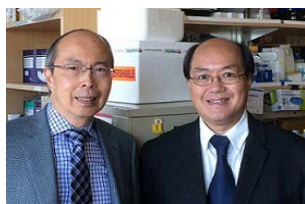
First Author: Jerome Robert | Senior Author: Cheryl Wellington (*pictured*)
Molecular Neurodegeneration | Djavad Mowafaghian Centre for Brain Health and UBC



Alzheimer's Disease (AD), characterized by accumulation of beta-amyloid (A β) plaques in the brain, can be caused by age-related failures to clear A β from the brain through pathways that involve the cerebrovasculature. The authors hypothesized that high-density lipoproteins (HDL) may protect against Alzheimer's Disease, as HDLs have vasoprotective properties that are well described for peripheral vessels. [Abstract](#)

REVIEW: cGAS-STING and Cancer: Dichotomous Roles in Tumour Immunity and Development

Co-First Authors: Kevin Ng and Erin Marshall | Senior Author: Wan Lam (*right, with colleague Stephen Lam, left*)
Trends in Immunology | BC Cancer Agency



cGMP-AMP synthase (cGAS)-stimulator of interferon genes (STING) sensing has emerged as a key regulator of innate immune responses to both exogenous and endogenous DNA. The authors discuss recent observations that cGAS-STING-mediated inflammation may promote tumour initiation, growth, and metastasis in certain malignancies and how this may complicate the utility of this pathway in therapeutic development. [Abstract](#)

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Awards

Dr. Ian Mackenzie Awarded the Margolese National Brain Disorders Prize

UBC Faculty of Medicine



Three of Canada's leading researchers in heart health, brain health and cancer have been singled out by UBC's Faculty of Medicine for their accomplishments, and for their potential to make further contributions in their fields. The Margolese National Brain Disorders Prize will be bestowed on UBC's Ian Mackenzie, who has pulled back the curtain on the molecular pathology leading to frontotemporal dementia and amyotrophic lateral sclerosis. [Read More](#)

Local News

UBC Erases Boundaries between Engineering and Health

The Vancouver Sun



Dr. Dermot Kelleher, Dean of the Faculty of Medicine at UBC, and Dr. James Olson, Dean of the Faculty of Applied Science at UBC, discuss the creation of the university's new School of Biomedical Engineering. This makes UBC the first university in Western Canada to recognize the importance of this burgeoning field with a school of its own. [Read More](#)

Graduate Program in Neuroscience Finds New Leader in Dr. Liisa Galea

Djavad Mowafaghian Centre for Brain Health



A neuroscientist and professor in the Department of Psychology at UBC, Dr. Galea specializes in how sex hormones, stress and biological factors influence brain health and disease in both men and women. For Dr. Galea, who has been actively teaching and supervising in the graduate program since 1998, this position is vital in uniting scholars from different neuroscience disciplines. [Read More](#)

Sitka Biopharma Announces New Board Members

Sitka Biopharma



Vancouver-based Sitka Biopharma Inc. is pleased to announce that Dr. Kristine Swiderek (*pictured*) and Dr. Jack Geltosky have joined its Board of Directors. Dr. Kristine Swiderek is the Co-founder and Chief Scientific Officer of venture-backed OncoResponse, focusing in immuno-oncology. Dr. Jack Geltosky is an experienced pharmaceutical licensing executive with a strong R&D background. [Read More](#)

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Interesting Articles

Empowering Thousands of Canadian Researchers and Students to Push the Boundaries of Knowledge and Innovation

Natural Sciences and Engineering Research Council of Canada



Kirsty Duncan, the Minister of Science, has announced \$515 million in support for fundamental research through the Natural Sciences and Engineering Research Council of Canada's (NSERC) 2017 competition for the Discovery Grants program, scholarships and fellowships. This is NSERC's largest annual investment, and it assists researchers by offering financial support through scholarships, fellowships, research supplements, and equipment grants. [Read More](#)

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Upcoming Events in Vancouver

- September 14
6:00 PM
Society for Canadian Women in Sciences and Technology Pub Night
Big Rock Urban Brewery & Eatery
- September 16
3:30 PM
Building the Future: Faculty of Medicine Showcase and Reception
UBC School of Population and Public Health
- September 20
7:00 PM
Et Al Too: The Return of the Ultimate Bar Science Night
Fox Cabaret
- September 21
5:00 PM
Beaty Nocturnal: Life In Colour Opening
Beaty Biodiversity Museum
- September 22
7:00 PM
UBC Postdoctoral Association Postdoc Appreciation Dinner
Royal Seoul House

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Science Jobs in Vancouver

Scientist, Immunology

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Scientific Inside Sales Representative

STEMCELL Technologies

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Providence Health Care Research Institute

Research Associate I, Assay Development

Zymeworks

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