

Publications of the Week

Photosystems in the Eye-like Organelles of Heterotrophic Warnowiid Dinoflagellates

First Author: Elizabeth Cooney | Senior Author: Patrick Keeling (pictured)
Current Biology | UBC



Warnowiid dinoflagellates contain a highly complex camera-eye-like structure called the ocelloid that is composed of different organelles resembling parts of metazoan eyes, including a modified plastid that serves as the retinal body, but we know little about their function. Here, researchers generate single-cell transcriptomes from 18 warnowiid cells collected directly from the marine environment. [Abstract](#)

ATG4B and ATG4A Loss Result in Two-Stage Cell Cycle Defects in Pancreatic Ductal Adenocarcinoma Cells

First Author: Paalini Sethiyaseelan | Senior Author: Sharon Gorski (pictured)
Journal of Cell Science | BC Cancer, SFU, and UBC



Pancreatic ductal adenocarcinoma (PDAC) exhibits elevated levels of autophagy, which promote tumor progression and treatment resistance. ATG4B is an autophagy-related cysteine protease under consideration as a potential therapeutic target, but is largely unexplored in PDAC. Here, researchers investigated the clinical and functional relevance of ATG4B expression in PDAC. [Abstract](#)

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Awards

Dr. Kathleen Martin Ginis Named to the Royal Society of Canada for 2023

UBC Faculty of Medicine



Dr. Kathleen Martin Ginis (pictured), a Professor in the UBC Department of Medicine, has been named a Fellow of the Royal Society of Canada for 2023. Dr. Martin Ginis is the international authority on physical activity behaviour-change interventions and psychosocial outcomes in people with disabilities. Her innovations in theory, measurement, intervention design and knowledge-translation are used worldwide. [Read More](#)

Cultivating Innovation with Dr. Anna Blakney

UBC School of Biomedical Engineering



Congratulations to Dr. Anna Blakney (pictured) for being recognized as one of Massachusetts Institute of Technology Review's 2023 35 Innovators Under 35! Dr. Blakney is a trailblazer with her research in bioengineering, molecular biology, and immunology approaches to develop the next generation of RNA vaccines and therapies. [Read More](#)

Fueling Discovery: Health Research BC Funds 23 Researchers to Improve Health Outcomes

Michael Smith Health Research BC



Michael Smith Health Research BC has funded 23 researchers through the 2023 Scholar competition. The Scholar Program supports early-career health researchers who are building leading-edge health research programs and expanding their potential to make significant contributions to their field. The award recipients come from all over BC, including Dr. Simon Wisnovsky (pictured) from UBC who investigates new targets for cancer immunotherapy. [Read More](#)

Meet the Three DMCBH Members Named 2023 Michael Smith Health Research BC Scholars

UBC Faculty of Medicine



Congratulations to Dr. Tao Huan, Dr. Manu Madhav (pictured), and Dr. Brett Hilton on being named 2023 Michael Smith Health Research BC Scholars! The Scholar Program is one of Health Research BC's flagship funding opportunities and supports early-career health researchers who are building leading-edge health research programs. [Read More](#)

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Local News

Closing the Gap in Alzheimer's Research

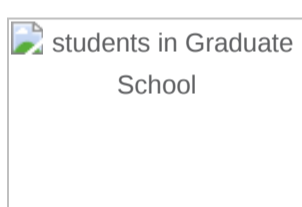
UBC Faculty of Medicine



While people of Asian ancestry make up more than 16 per cent of Canada's population, they've been vastly underrepresented in Alzheimer's research to date, comprising less than 3 per cent of participants in clinical trials and national data sets. UBC researchers, led by UBC's Dr. Robin Hsiung (pictured), are working to close that gap. [Read More](#)

2023 Mitacs Awards Call for Nominations Opens

UBC Mitacs



Mitacs has opened the call for nominations for the 13th Mitacs Awards. The awards recognize outstanding Mitacs program participants whose groundbreaking research is fostering innovation and growth. Students and postdoctoral fellows may be nominated for one of six categories by the post-secondary or industry partner who supervised their work during a Mitacs-funded project. [Read More](#)

Vancouver Cancer Drug Developer BriaCell Divides

UBC BIV



BriaCell Therapeutics Corp., a Vancouver-Philadelphia oncology immunotherapeutics company, is dividing. The company announced it has spun out two of its pre-clinical pipeline assets into a new company called BriaPro Therapeutics Corp. BriaCell Therapeutics will remain a publicly traded company, while BriaPro Therapeutics will be an "unlisted reporting issuer in Canada." [Read More](#)

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Upcoming Events in Vancouver

- September 21 10:00 AM **Pars for Prostate Fundraiser**
Westwood Plateau
- September 26 9:00 AM **Workshop for Postdocs: Applying for a Faculty Position (Part I)**
Michael Smith Laboratories
- September 27 12:00 PM **HIV Cure Research: An Update**
Online
- September 28 6:00 PM **Nerd Nite North Van: Plants & Pints**
MONOVA: Museum of North Vancouver
- October 2 - 4 8:00 AM **Healthcare Summit: The Future of Innovation, Personalized Medicine and Genomics**
Coast Coal Harbour Hotel

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- Director, Quality Assurance**
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Other Science Jobs in Vancouver

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UBC Michael Smith Labs
- Postdoctoral Fellowship, Quantitative Drug Analysis/Pharmacokinetics**
The British Columbia Centre for Excellence in HIV/AIDS
- PhD/Postdoctoral Fellow Position**
The Centre for Heart Lung Innovation
- Medical Lab Technologist**
LifeLabs
- Residency Research Director, Department of Orthopaedics**
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