

Publications of the Week

Spatially Patterned Excitatory Neuron Subtypes and Projections of the Claustrum

First Author: Sarah Erwin (*pictured, second from left, front row*) | Senior Author: Mark Cembrowski (*far right, back row*)
eLife | Life Sciences Institute, Djavad Mowafaghian Centre for Brain Health, and UBC



Histochemical-based approaches typically treat the claustrum as a relatively narrow anatomical region that primarily projects to the neocortex, whereas circuit-based approaches can suggest a broader claustrum region containing projections to the neocortex and other regions. Here, in the mouse, the authors took a bottom-up and cell-type-specific approach to complement and possibly unite these seemingly disparate conclusions. [Profile](#) | [Abstract](#)

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Awards

August 2021 Award Winners

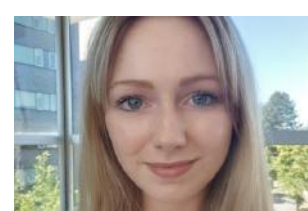
Science in Vancouver



Dr. Anthony Traboulsee (*pictured*), Professor and Research Chair of the Multiple Sclerosis Society of Canada at UBC, received a Canadian Institutes of Health Research grant with Dr. Shannon Kolind to investigate if myelin imaging can predict progression of multiple sclerosis. Find out which other Vancouver researchers won awards, grants, fellowships and scholarships in August's award summary. [Read More](#)

Sarah Erwin Wins a Cordula and Gunter Paetzold Fellowship

UBC Life Sciences Institute



Sarah Erwin (*pictured*), a Master's student in the Cembrowski lab at UBC, has been awarded a prestigious Paetzold fellowship. This \$18,000 award, conferred by the Faculty of Graduate and Postdoctoral Studies, will support Erwin's work studying a neuron population in mice in a part of the brain known as the subiculum, which may be implicated in spatial working memory. [Read More](#)

UBC Medical Student Armaghan Alam Receives 2021 Canadian Medical Hall of Fame Award

UBC Medicine



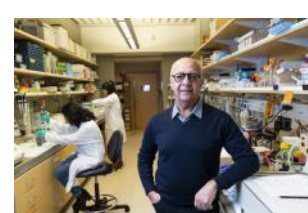
UBC Faculty of Medicine student Armaghan (Army) Alam (*pictured*) has been honoured with an award from the Canadian Medical Hall of Fame. The awards recognize second year medical students with an established track record of community leadership, superior communication skills and demonstrated interest in advancing knowledge. [Read More](#)

[View All Monthly Award Summaries](#) | [View Featured Awards](#)

Local News

New Study Examines 'Achilles Heel' of Cancer Tumours, Paving the Way for New Treatment Strategies

UBC Faculty of Medicine



Researchers at UBC's Faculty of Medicine and BC Cancer Research Institute, led by Dr. Shoukat Dedhar (*pictured*), have uncovered a weakness in a key enzyme that solid tumour cancer cells rely on to adapt and survive when oxygen levels are low. The findings will help researchers develop new treatment strategies to limit the progression of solid cancer tumours, which represent the majority of tumour types that arise in the body. [Read More](#)

The Tropini Lab's Vision for the Future of Microbiome Research

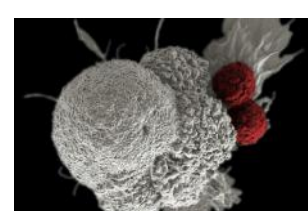
UBC Microbiology & Immunology



In the macro-scale world, global warming affects climate and weather. So how does a fever impact the gut motility and host responses in the micro-scale? Since our gut microbiota also functions as a personalized pharmacy — anything our microbes excrete has the potential to make it through our blood system and impact all organs — the lab of Dr. Carolina Tropini (*pictured*) has addressed these questions by investigating how physical factors due to natural physiology, disease and industrialization affect the gut microbiota and host health. [Read More](#)

Recent Breakthroughs in Prostate and Ovarian Cancer Research Help to Change Lives

BC Cancer



In January this year, BC Cancer researcher Dr. Julian Lum used a newly developed metabolomics technology to discover a key finding that could lead to harnessing the body's own immune system to fight ovarian cancer. Dr. Lum and researchers at BC Cancer's Deeley Lab in Victoria were able to identify cancer cell by-products, known as metabolites, which effectively disable the body's T cells, the type of immune cells that can recognize and fight cancerous tumour cells. [Read More](#)

TFRI launches 2021 Terry Fox Run Challenge

The Terry Fox Research Institute



The Terry Fox Research Institute (TFRI) is happy to launch its 2021 Terry Fox Run Challenge, an annual event in which research teams look to claim top honours by raising the most funds for cancer research. Last year, 28 teams participated in the challenge, raising over \$98,000 for cancer research. For the third year in a row, the Vancouver Prostate Centre team won the challenge, raising over \$17,845 for cancer research. [Read More](#)

CBR-SBME Research Day 2021: A Spotlight on Summer Student Research

The Centre for Blood Research



The Centre for Blood Research (CBR) and School of Biomedical Engineering (SBME) communities gathered online for CBR-SBME Research Day on Wednesday, August 11th, which celebrates the progress and accomplishments of summer students at the conclusion of the CBR-SBME Summer Studentship Program. [Read More](#)

STEMCELL Technologies Launches Human Pluripotent Stem Cell Characterization and Banking Services in Partnership with WiCell

STEMCELL Technologies



STEMCELL Technologies has announced the launch of human pluripotent stem cell characterization and banking services in partnership with WiCell®. These services, offered through STEMCELL's Contract Assay Services division, will provide researchers with comprehensive cell quality assessments and enable them to generate cell banks using standardized practices. [Read More](#)

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Upcoming Events in Vancouver

- September 8 12:00 pm **New Genomics for Non-Invasively Monitoring Canada's Polar Bear Populations** Online
- September 9 9:00 am **ADDC Webinar — "Things I Wish I Knew": Venture Funding** Online
- September 13 10:00 am **World Sepsis Day 2021 Panel: Bridging Gaps in Post-Sepsis Care for Sepsis Survivors** Online
- September 15 12:00 pm **Investigating Drought Resistant Soy Bean Cultivars** Online
- September 18-19 6:00 am **"I Move for Immigrant Women in Science" 2021** Online

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AbCellera
- Applications Scientist**
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UBC Microbiology & Immunology
- Postdoctoral Fellow, Functional Genomics/Glycomics**
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