

Publications of the Week

A Longitudinal Single-Cell Atlas of Treatment Response in Pediatric AML

First Author: Sander Lambo | Senior Author: Marco Marra *(pictured)*
 Cancer Cell | BC Cancer, Children's and Women's Health Centre of British Columbia, and UBC



Pediatric acute myeloid leukemia (pAML) is characterized by heterogeneous cellular composition, driver alterations, and prognosis. Characterization of this heterogeneity and how it affects treatment response remains understudied in pediatric patients. Here, researchers used single-cell RNA sequencing and single-cell ATAC sequencing to profile 28 patients representing different pAML subtypes at diagnosis, remission, and relapse. [Abstract](#) | [Press Release](#)

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Awards

CIHR Fall 2023 Project Grant Competition Results Announced

Centre for Advancing Health Outcomes



The results of the Canadian Institutes of Health Research (CIHR) Fall 2023 Project Grant Competition have been announced. Advancing Health Scientists are leading three of the projects funded in this round, including two projects under this competition's Priority Announcement. Among the awardees is Dr. Adeera Levin *(pictured)* who is investigating effective treatments for diabetes. [Read More](#)

Lauren Durland and Thomas Worthington Receive the 2023–24 Zymeworks Fellowship in Advanced Protein Therapeutics

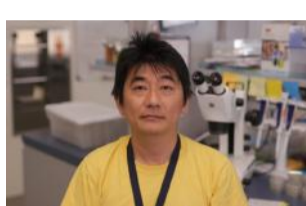
UBC Michael Smith Laboratories



The Michael Smith Laboratories congratulate Lauren Durland *(pictured)* and Thomas Worthington for being the 2023–24 recipients of the Zymeworks Fellowship in Advanced Protein Therapeutics. Each student will receive a one-year fellowship of \$20,000 to support health science research that aligns with Zymeworks' focus on immune-based treatments for disease. [Read More](#)

DMCBH Members Awarded Fall 2023 CIHR Project Grants to Support Health Research

Djavad Mowafaghian Centre for Brain Health (DMCBH)



The Canadian Institutes of Health Research (CIHR) has announced the results of its Fall 2023 project grant competition. The DMCBH congratulates their members who were awarded project grants, with seven projects receiving more than \$4 million in funding. Dr. Kota Mizumoto *(pictured)* is one of the DMCBH awardees and will use the funding to investigate presynaptic assembly. [Read More](#)

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Local News

New 'Spatial' Biomarkers Could Better Predict Treatment Outcomes for Hodgkin Lymphoma

UBC Faculty of Medicine



A recent study published in the *Journal of Clinical Oncology* uncovers a new class of "spatial" biomarker that sheds light on the unique interactions between cancer cells and nearby tissue, known as the tumour microenvironment. "Understanding the exact architecture of a tumour's environment provides a better resolution and more complete data on cancer cells than we have had before," said senior author Dr. Christian Steidl *(pictured)*. [Read More](#)

Where Are They Now — Past Neuroscience Graduates

Djavad Mowafaghian Centre for Brain Health (DMCBH)



Alumni of the UBC Graduate Program in Neuroscience embark on diverse career paths, spanning academia, clinical practice, industry, and beyond. The DMCBH connected with two Neuroscience program graduates, Alireza Kamyabi and Dr. Fakhri Shafai *(pictured)*, who pursued careers in public health to learn about their current career destinations. [Read More](#)

BC Cancer 2024 Summer Studentship Competition

BC Cancer Research



BC Cancer Research has announced the BC Cancer 2024 Summer Research Studentship competition. Summer research studentships, sponsored by the BC Cancer Foundation, will be available to support senior undergraduate university students and/or junior medical or dental students seeking hands-on training in cancer research in BC during the period of May 1 – August 31, 2024. [Read More](#)

CBR Celebrates Female Leaders for #WomenInScience 2024

The Centre for Blood Research (CBR)



February 11 is recognized by the United Nations as the International Day of Women and Girls in Science, which aims to spotlight the contributions of women in science, technology, and innovation. The CBR has spotlighted some of their female leaders, including Drs. Hélène Côté *(pictured, left)* and Karen Cheung *(right)*, to celebrate all that they do for their community. [Read More](#)

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Interesting Articles

Canadian Blood Services Announce New Dana Devine Award

The Centre for Blood Research



The Canadian Blood Services is proud to announce a new award in honour of Dr. Dana Devine *(pictured)* to support early career scientists in a field related to transfusion science and medicine, blood banking, and blood biotherapies. The award is delivered in partnership with the Canadian Society for Transfusion Medicine. [Read More](#)

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Upcoming Events in Vancouver

- February 13 12:00 PM **Propels: Getting Your Ideas into Practice** Online
- February 15 6:30 PM **The Power of Genetics: Building an Innovative and Sustainable Future in Agriculture** Science World
- February 28 8:00 AM **Access to Innovation 2024** Vancouver Convention Centre
- February 29 7:00 PM **Café Scientifique** Musqueam Cultural Centre
- March 6 6:30 PM **Nobel Prize Lectures** Science World

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Science Jobs in Vancouver

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UBC
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Verathon
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UCB
- Specialist, Communications**
Michael Smith Health Research BC

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STEMCELL Technologies
- Scientific Marketing Specialist, Primary and Cultured Cells**
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