

Publications of the Week

Tumour-Intrinsic Blood and Imaging Correlatives in Advanced Prostate Cancer Treated with Combination Radiopharmaceutical Therapy and Immunotherapy

First Author: Sofie Tolmeyer (pictured) | Senior Author: Alexander Wyatt and Shahneen Sandhu
Journal of Nuclear Medicine | Vancouver Prostate Centre, BC Cancer Research Institute, and UBC



The PRINCE trial showed the clinical activity for ¹⁷⁷Lu-PSMA-617 in combination with pembrolizumab for metastatic castration-resistant prostate cancer. To refine patient selection and improve response monitoring strategies to this combination, researchers investigated candidate tumour-intrinsic biomarkers of treatment response and resistance. [Abstract](#)

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Awards

Three DMCBH Members Named 2025 Brain Canada Future Leaders in Canadian Brain Research

Djavad Mowafaghian Centre for Brain Health (DMCBH)



DMCBH members Drs. Zachary Pennington, Jessica Rosin, and Alexander Wiesman (pictured) have been awarded funding through Brain Canada's 2025 Future Leaders in Canadian Brain Research Program. Brain Canada's flagship Future Leaders in Canadian Brain Research program is built to equip early-career researchers to take high-risk, high-reward approaches to advance brain and mental health. [Read More](#)

Setting up for Interdisciplinary Success

UBC Engineering



Drs. Naoko Ellis (pictured, right) and Xun Liu (left) are the two newest Marshall Bauder Chairs in Innovation in Interdisciplinary Education. Over the next three years, they will craft the institutional infrastructure needed to develop meaningful, interdisciplinary learning experiences and teaching tools for students and educators alike. Part of their work will be the establishment of hte Design Intelligence Commons. [Read More](#)

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Local News

Vancouver Biotech Zymeworks Closes US\$929M Theravance Deal

Business in Vancouver



Vancouver-based biotech Zymeworks has completed its previously announced acquisition of Theravance Biopharma for approximately US\$929 million in equity value. Zymeworks said in a release that the acquisition expands its portfolio beyond its cancer-focused business and adds commercial, royalty and drug-development assets. Theravance is based in California and Ireland. [Read More](#)

Modern Treatments Improve Health Outcomes for Patients With Juvenile Idiopathic Arthritis

BC Children's Hospital Research Institute



Children and adolescents with arthritis can experience pain, joint swelling, and stiffness that can impact routine activities, such as writing, playing sports, and getting dressed. Juvenile idiopathic arthritis (JIA) is an umbrella term for a group of conditions characterized by chronic inflammation in the joints. Dr. Jamie Guzman's (pictured) team is investigating the trajectory of physical function and quality of life in patients with JIA. [Read More](#)

SBME Synergy 2026 Undergraduate Summer Research Highlights

Djavad Mowafaghian Centre for Brain Health (DMCBH)



This past summer, the SBME Synergy Undergraduate Summer Research Program provided research opportunities for students interested in a career in biomedical engineering. Five students shared their experience in the program. One student, Krista Tannant, investigated the role of the protein kinase SAD-1 under the supervision of Dr. Kota Mizomoto. [Read More](#)

International Commission Proposes Whole-Of-Society Approach to Pandemic Readiness

SFU Faculty of Health Sciences (FHS)



FHS Professor Kelley Lee (pictured) is among an international team of leading experts launching a new blueprint for pandemic readiness as the United Nations General Assembly gathers for its 81st session this week. The PRIME (Pandemic Readiness through Institutions, Mobilising Communities, and Equity) Commission questions traditional approaches to pandemic preparedness focused on a narrow set of technical capacities and needs. [Read More](#)

adMare BioInnovations Welcomes Cohort IX of the Executive Institute

adMare BioInnovations



adMare BioInnovations has welcomed 22 participants to Cohort IX of the Executive Institute, the organization's flagship leadership program. Since its launch, the Executive Institute has helped develop 150 leaders from more than 100 organizations across Canada, strengthening the leadership pipeline and national networks needed to create, scale, and retain globally competitive companies. [Read More](#)

Canada's First Human Bird Flu Case Offers New Clues for Monitoring Pandemic Threats

UBC News



In a study published in *Nature Communications*, UBC researchers analyzed the two mutations from the B.C. H5N1 avian influenza case and found they actually weakened the virus's ability to bind to human cells. "We pay very close attention to mutations in this part of the virus because changes here can potentially help H5N1 adapt to humans," said senior author Dr. Sriram Subramaniam (pictured). [Read More](#)

From Motor Units to Robotics: A PhD Opportunity in the Neural Control of Human Balance

UBC Balance and Falls Research Centre



How does the brain coordinate motor variability to prevent a fall? This is the central question driving a new international collaboration between Drs. Jean-Sébastien Blouin, Patrick Forbes, Calvin Kuo, and Manu Madhav (pictured). Using the Myomatrix platform, this research will reveal, for the first time, how vestibular signals modulate the recruitment of specific motor units to enable our bipedal posture. [Read More](#)

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Upcoming Events in Vancouver

October 20 9:00 AM	From Bench to IND/CTA: Building a Strong Preclinical Package for First-in-Human Trials Van Dusen Gardens, Floral Hall
October 22 4:30 PM	Women Founders Meetup at UBC Robson Square UBC Robson Square
October 30 6:00 PM	After Dark: Sinister Science – Halloween Edition Science World
November 2 4:00 PM	2026 Don Rix Distinguished Keynote Address Vancouver Convention Centre West
November 3 - 4 7:30 AM	LSBC's 11th Annual Invest in BC Presented by Lumira Ventures Vancouver Convention Centre West

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Science Jobs in Vancouver

- Senior Manager, QC Microbiology**
AbCellera
- Research Associate II, Protein Engineering**
Zymeworks
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NanoVation Therapeutics
- Research Associate 1 or 2, Biology**
Xenon Pharmaceuticals
- Incubation Lab Administrator**
UBC

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[An interview about AI uses in scientific research with César de la Fuente of the University of Pennsylvania.](#)

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