

Publications of the Week

Somatic IRF4 Mutations and Thymic Tropism in Primary Mediastinal Large B-Cell Lymphoma

First Author: Shinya Rai | Senior Author: Christian Steidl (*pictured*)
Blood | BC Cancer and UBC



Primary mediastinal large B-cell lymphoma (PMBCL) is an exemplary lymphoma characterized by disease manifestations in the thymic niche, unique genetic alterations, and immune escape. Here, researchers identified interferon regulatory factor 4–C99R mutations uniquely occurring in PMBCL through mutational meta-analysis of large-scale data sets. [Abstract](#)

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Awards

Dr. Emilia Lim Investigates Wildfire Smoke's Health Toll With Genome BC Funding

UBC Life Sciences Institute



Genome BC is funding three projects that examine the genetic-level impacts of wildfire smoke exposure, with the goal of understanding why some populations are more vulnerable to wildfire-related respiratory issues. Drs. Emilia Lim (*pictured*) and Min Hyung Ryu from UBC are leading one project focusing on airborne allergens triggered by the increase of atmospheric carbon dioxide and high temperatures that happen when there are frequent wildfires. [Read More](#)

Recipients of BC Cancer Foundation 2025 Rising Stars Graduate Awards Competition Announced

BC Cancer Research Institute



The BC Cancer Research Institute congratulates the recipients of the BC Cancer Foundation Rising Stars Graduate Awards competition. The Rising Stars awards are a tribute to Dr. Connie Eaves, whose remarkable career and contributions to science continue to inspire our community. Among this year's twelve winners is Asha Subramaniam (*pictured*). [Read More](#)

2025 Faculty of Medicine Award Recipients

UBC Faculty of Medicine



Each year, the Faculty of Medicine recognizes faculty and staff members for excellence in teaching, research, administration, innovation, and public service. Dr. Agatha Jassem (*pictured*) is one of the numerous awardees for 2025 and has earned a Clinical Faculty Award for Excellence in Research alongside Dr. Jugal Singh Arneja. [Read More](#)

New Projects at Canada's Immuno-Engineering and Biomanufacturing Hub to Build a Smarter, Faster Health Response

UBC Faculty of Medicine



Genome BC has announced funding for four new UBC research projects associated with Canada's Immuno-Engineering and Biomanufacturing Hub, a UBC-led national initiative aimed at accelerating the development of lifesaving medicines for Canada. Drs. Carolina Tropini (*pictured*) and Bruce Vallance will lead one of the four projects and will focus on turning protective microbes in the human gut into new therapies. [Read More](#)

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Local News

When It Comes to Health, the Gut Has Skin in the Game

BC Children's Hospital Research Institute



Over the last 15 years, research into the gut microbiome has garnered increasing attention. Both in the lab and in clinical trials, Dr. Bruce Vallance's (*pictured*) team at BC Children's Hospital Research Institute has been working to better understand the role that the gut microbiome plays in maintaining intestinal health and how it impacts disorders such as inflammatory bowel disease. [Read More](#)

Wasan Lab Develops Novel Oral Formulation to Treat Systemic Fungal Infections

News Medical



Dr. Kishor Wasan's (*pictured*) lab in the Faculty of Pharmaceutical Sciences at UBC in partnership with iCo Therapeutics have developed a novel oral formulation of amphotericin B to treat systemic fungal and parasitic infections. Amphotericin B is a polyene macrolide antibiotic used in the treatment of blood-borne fungal infections such as candidiasis and aspergillosis and parasitic infections such as visceral leishmaniasis. [Read More](#)

A Gut Reaction: The Role of Microbiome Imbalance in Kidney Stones

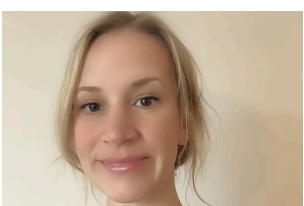
Vancouver Coastal Health Research Institute



Kidney stone disease has been on the rise in Canada over the past 25 years and researchers believe that the gut microbiome is at least partly to blame. In a manuscript published in *Urologic Clinics of North America*, Dr. Dirk Lange (*pictured*) and his team reviewed research on the connection between kidney stone disease, microbes, and processes in the gut microbiomes of individuals with recurrent kidney stones. [Read More](#)

Innovating Epilepsy Care: SFU Study Explores Advanced Brain Imaging for B.C. Patients

SFU News



A SFU clinical research study led by Dr. Maggie Clarke (*pictured*) is evaluating how advanced brain imaging could improve epilepsy surgery in British Columbia. A powerful brain imaging technology called magnetoencephalography (MEG) offers new hope to children and adults living with drug-resistant epilepsy. MEG can help map where the seizures are originating in the brain. [Read More](#)

Repurposing Medications to Treat People With Rare Diseases

Vancouver Coastal Health Research Institute (VCHRI)



A new Coastal Program for Rare Inflammatory Diseases at Vancouver Coastal Health is establishing a network of experts to help patients in desperate need of an effective medication to treat their conditions. Led by VCHRI researcher Dr. Luke Chen (*pictured*), the program is part of a broader movement to find cures to the approximately 6,000-8,000 rare diseases around the world. [Read More](#)

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Interesting Articles

Calling All UBC Entrepreneurs: Join Our Spring 2026 Cohort of Venture Founder!

Innovation UBC



Have a bold idea or research discovery? Transform your idea to impact with Innovation UBC's flagship program, Venture Founder! Innovation UBC creates pathways for UBC's research community to bring their inventions to impact. Through our entrepreneurship and venture building team, we unlock the potential of promising UBC startups, supporting researchers to drive change beyond academia and transform their groundbreaking ideas into real-world impacts. [Read More](#)

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Upcoming Events in Vancouver

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|-----------------------|---|
| October 2
12:00 PM | STEMCELL Technologies Workshop
Diamond Lecture Theatre |
| October 2
5:00 PM | 27th Annual Life Sciences BC Awards
Vancouver Convention Centre West |
| October 6
4:00 PM | Space Genetics: Epigenetic Evolution in Cancer and a 500-Year Plan for Synthetic Biology
Vancouver Convention Centre West |
| October 16
5:00 PM | Beaty Nocturnal
Beaty Biodiversity Museum |
| October 16
7:00 PM | Science, Stand-Up, & Song
Gordan B. Shrum Building |

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Science Jobs in Vancouver

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UBC
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SFU
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