

Publications of the Week

New Insights into the Intrinsic and Extrinsic Factors that Shape the Human Skin Microbiome

First Author: Pedro Dimitriu (*pictured*) | Senior Author: Greg Hillebrand
mBio | UBC Life Sciences Institute and Microbiome Insights, Inc.



Despite recognition that biogeography and individuality shape the function and composition of the human skin microbiome, we know little about how extrinsic and intrinsic host factors influence its composition. To explore the contributions of these factors to skin microbiome variation, the authors profiled the bacterial microbiomes of 495 North American subjects at four skin surfaces plus the oral epithelium using 16S rRNA gene amplicon sequencing. [Profile](#) | [Abstract](#)

Coding and Non-Coding Drivers of Mantle Cell Lymphoma Identified through Exome and Genome Sequencing

First Author: Prasath Pararajalingam (*pictured, third from right*) | Senior Author: Ryan Moring (*third from left*)
bioRxiv | SFU, Michael Smith Genome Sciences Centre and BC Cancer



To extend the understanding of the biological pathways involved in mantle cell lymphoma (MCL), the authors performed a large-scale genomic analysis of MCL using data from 51 exomes alongside previously published exome cohorts. They confirmed the prognostic association of *TP53* and *NOTCH1* mutations and further nominate two additional genes, *EWSR1* and *MEF2B*, whose mutation respectively associated with poor and good outcome. [Abstract](#)

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Awards

Dr. Jim Kronstad Announced as a CIFAR Fellow

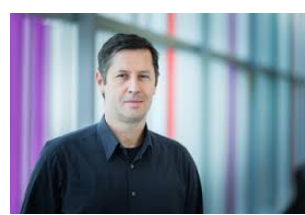
Michael Smith Laboratories



Dr. Jim Kronstad (*pictured*), Professor at the Michael Smith Laboratories, has been appointed as a CIFAR fellow to the Fungal Kingdom: Threats & Opportunities program within the Life & Health research theme. This appointment is a prestigious honour as CIFAR brings together the greatest minds from all over the world to share and critique preliminary findings and data, and to gain insights from peers across various disciplines. [Read More](#)

CIHR Funds Innovative Brain Research Projects at UBC

Djavad Mowafaghian Centre for Brain Health



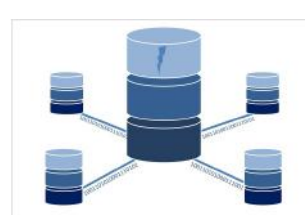
Eight projects led by investigators at the Djavad Mowafaghian Centre for Brain Health, including Dr. Alex Rauscher (*pictured*) have received a combined total of \$5,715,377 in project grants from the Canadian Institutes of Health Research (CIHR) for brain health research. These grants support research projects with a defined endpoint, allowing researchers to pursue innovative, high-risk research questions with potential to improve health outcomes in Canada. [Read More](#)

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Local News

Microsoft Joins with Pacific Northwest Medical Research Institutions on Data Discovery Platform

GeekWire



Microsoft is teaming up with leading medical research organizations to create a shared network of research data in the Pacific Northwest. Dubbed the Cascadia Data Discovery Initiative, the goal of the collaboration is simple: make it easier to find and share medical data. Started by Microsoft and the Fred Hutchinson Cancer Research Center, the initiative has added four new members, including BC Cancer and UBC. [Read More](#)

New President of the Research Universities' Council of British Columbia Appointed

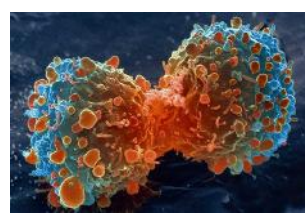
UBC News



Max Blouw (*pictured*) has been appointed as the new President of the Research Universities' Council of British Columbia. Blouw is relocating to British Columbia from Ontario, where he championed evidence-based decision making, research and graduate students as President and Vice-Chancellor of Wilfrid Laurier University from 2007 to 2017. [Read More](#)

BC Cancer Study on Prostate Cancer Radiotracer Yields Precise Results and Enacts Change

BC Cancer



Initial results of an ongoing BC Cancer clinical trial have delivered some incredible results in the pursuit of better treating recurrent prostate cancer. The study looked at a new class of prostate cancer imaging agents, known as radiotracers, to pinpoint exactly where prostate tumours are located in patients who have already been diagnosed with prostate cancer before. [Read More](#)

Self-Propelled Hemostatic Particles Find a New Home in Gauze and Spray Cartridges

Centre for Blood Research



Self-propelled particles - What started as a "wouldn't that be cool" idea has become a real technology that has gained the support of many groups that hope to some day see this product, on the front of both military and civilian lines, saving lives. This work has been spearheaded by Dr. James Baylis (*pictured*), a postdoc and former PhD student in the lab of Dr. Christian Kastrup, who started this research back in 2012. [Read More](#)

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Interesting Articles

Federal Minister of Health Announces Investment of \$150M to Create "Team Canada of Cancer Research"

BC Cancer



The federal Minister of Health has announced an investment of \$150 million over five years by the Government of Canada for the creation of the Marathon of Hope Cancer Centres network. The network, which includes BC Cancer and is led by the Terry Fox Research Institute, will unite cancer centres across Canada for the first time, accelerating the implementation of precision medicine. [Read More](#)

Young Researchers across Canada Receive Support for Skills and Training

Natural Sciences and Engineering Research Council of Canada (NSERC)



The Government of Canada has announced an investment of \$29.6 million through the Collaborative Research and Training Experience program of NSERC. This support will allow 18 research teams of students and postdoctoral fellows to pursue and apply new knowledge in collaborative settings and develop the skills they need to help them in their future careers. [Read More](#)

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Upcoming Events in Vancouver

- July 24-26 8:00 AM **17th Annual Precision Medicine and Ion Channel Retreat**
Sheraton Vancouver Wall Centre
- July 27 8:30 AM **Instructional Skills Workshop for Postdoctoral Fellows**
Centre for Teaching, Learning and Technology
- August 1 6:30 PM **Laying the Groundwork: Strategies for Aspiring Leaders**
Mobify
- August 4 1:00 PM **Squid Ancestors Are Way Cool Because...**
Besty Biodiversity Museum
- August 7 7:30 PM **Live Podcast: Public Health Superheroes**
Science World at Telus World of Science

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STEMCELL Jobs in Vancouver

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STEMCELL Technologies
- Scientist, Stem Cell Metabolism**
STEMCELL Technologies
- Product Manager, Immunology**
STEMCELL Technologies
- Scientist, Matrix Biology**
STEMCELL Technologies
- Research Associate, Human Immunology**
STEMCELL Technologies

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Other Science Jobs in Vancouver

- Canada Research Chair, Stem Cell Biology**
SFU Faculty of Science
- Vice President, Translational Sciences**
Zymeworks
- In Vitro Scientist**
NovoBind Livestock Therapeutics
- Postdoctoral Fellowship, Gene Therapy**
UBC Faculty of Pharmaceutical Sciences
- Postdoctoral Research Fellow**
BC Children's Hospital

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