

Publications of the Week

Ultrastructure of Exospore Formation in *Streptomyces* Revealed by Cryo-Electron Tomography

First Author: Danielle Sexton | Senior Author: Elizta Tocheva (pictured)  
Frontiers in Microbiology | UBC Life Sciences Institute



Many bacteria form spores in response to adverse environmental conditions. Several sporulation pathways have evolved independently and occur through distinctive mechanisms. Using cryo-electron tomography, the authors examined all stages of growth and exospore formation in the model organism *Streptomyces albus*. [Abstract](#)

Mutational Landscape of Grey Zone Lymphoma

First Authors: Clementine Sarkozy | Senior Author: Christian Steidl (pictured)  
Blood | BC Cancer



The mutational landscape of grey zone lymphoma (GZL) has not yet been established and differences to related entities are largely unknown. The authors studied coding sequence mutations of 50 Epstein-Barr virus (EBV)-negative GZL and 20 polymorphic EBV-positive diffuse large B cell lymphoma (DLBCL) not otherwise specialized in comparison to classical Hodgkin lymphoma, primary mediastinal large B cell lymphoma, and DLBCL. [Abstract](#)

[View All Publications](#)

Awards

September 2020 Award Winners



Dr. Catharine Winstanley (pictured) from UBC has been elected into the Royal Society of Canada as a Member of the College of New Scholars, Artists and Scientists. Her work explores the neural, neurochemical, and molecular basis of higher-order cognitive processes. Find out which other Vancouver researchers won grants, awards, fellowships and scholarships in our September 2020 award summary. [Read More](#)

Peter Zandstra Inducted into the Canadian Academy of Health Sciences

UBC School of Biomedical Engineering



Dr. Peter Zandstra (pictured), Director of both UBC's School of Biomedical Engineering and the Michael Smith Laboratories, has been named a Fellow of the Canadian Academy of Health Sciences (CAHS). A CAHS Fellowship is one of the highest honours that can be awarded in the Canadian health sciences community. More than achievement, it is a reflection of the demonstrated leadership, vision and impact that these individuals have on the health sciences space. [Read More](#)

The Cajal Club Inducts Dr. Mark Cembrowski as a Member, Celebrating His Research with One of the Top Awards in Neuroscience

UBC Life Sciences Institute



Dr. Mark Cembrowski (pictured) is a newly appointed member of the storied Cajal Club, and the recipient of this year's Krieg Cortical Explorer Award. The oldest neuroscience society in North America with more than 500 members, the Cajal Club "promotes friendly scientific discussions between neuroscientists through annual scientific and social agendas," and has a mandate to show reverence for Cajal's legacy. [Read More](#)

2020 Faculty of Medicine Award Recipients

UBC Medicine



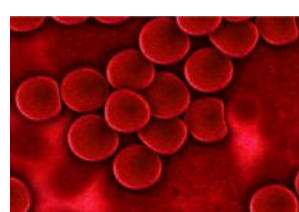
Each year, the UBC Faculty of Medicine recognizes faculty and staff members for excellence in teaching, research, administration, innovation and public service. Dr. Megan Levings (pictured) in the Department of Surgery and School of Biomedical Engineering at UBC received a Distinguished Achievement Award for Overall Excellence as a Senior Faculty. [Read More](#)

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

Local News

Joining Forces to Improve Blood Research in Canada

Canadian Blood Services



An idea born over Friday night beers among a group of blood researchers grew into Canada's first interdisciplinary blood research centre, and a valuable resource for established and emerging blood scientists. Canadian Blood Services became a permanent partner, providing 10 per cent of the start-up funding for the Centre for Blood Research, and continuing to collaborate in numerous ways, including providing funding to support infrastructure for the centre and its training and education programs. [Read More](#)

Two New Studies Reveal Insights into Immunometabolism in the Brain

Djavad Mowafaghian Centre for Brain Health



The MacVicar lab recently published two papers looking at immunometabolism in the brain, an exciting area of research that has gained momentum over the past few years. The Djavad Mowafaghian Centre for Brain Health chatted with authors Dr. Louis-Philippe Bernier (pictured, left) and Dr. Elisa York (right) about why this is such an interesting research area and where the field is headed. [Read More](#)

The Code of Life: How Genomics Is Helping Combat Invasive Pests and Pathogens

Genome BC



Increasingly our forests are facing unprecedented threats... from invasive species and pathogens that can cause irreversible damage. Once again, science, and scientists are coming to the rescue. In episode 7 of Genome BC's podcast, Dr. Richard Hamelin from UBC Forestry explains how he is using genomics to study these threats and come up with devices to help uncover and stop them before they can establish and spread. [Read More](#)

The MSL Welcomes New Faculty Member Dr. Sabrina Leslie

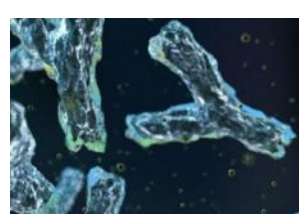
Michael Smith Laboratories



Dr. Sabrina Leslie (pictured) will be joining the Michael Smith Laboratories and UBC's Department of Physics and Astronomy in the new year. Dr. Leslie uses single-molecule microscopy to measure biomolecular interactions in the complex and stochastic environments of living cells in real-time. Her inspiration is to extend this research to make a transformative contribution to improved human health. [Read More](#)

AbCellera and IGM Biosciences Announce Multi-Year Antibody Discovery Collaboration

AbCellera



AbCellera and IGM Biosciences, Inc. have entered into a multi-year, multi-target strategic research collaboration and license agreement to facilitate the discovery and development of novel IgM antibodies. AbCellera will generate panels of antibodies for multiple therapeutic targets identified by IGM using its full-stack, AI-powered antibody discovery technology, and IGM will have the rights to develop and commercialize the novel antibodies. [Read More](#)

CBR Research Day 2020: Pushing the Boundaries of Knowledge

Centre for Blood Research



The Centre for Blood Research (CBR) and School of Biomedical Engineering (SBME) communities gathered online in August to celebrate 40 summer students' accomplishments with the CBR-SBME Summer Studentship Program. Despite the challenges posed by the pandemic, the CBR successfully transitioned online and continued to provide undergraduate students with research experience and professional development opportunities. [Read More](#)

[View All Local News](#) | [Submit an Article](#)

Interesting Articles

Proper Funding for Women's Health Research Could Save Lives during Pandemic

Policy Options



Women's health research is chronically underfunded, and women's health receives little attention across the spectrum of health research, from funding to academic opportunities. If Canada had provided more funding and resources to women's health research, one could make the argument that we would be closer in our search for a treatment and cure for COVID-19. [Read More](#)

[View All Interesting Articles](#) | [Submit an Article](#)

Upcoming Events in Vancouver

October 15 9:00 AM	<b>Learn More About the CPDC-adMare Radiopharmaceutical Initiative</b> Online
October 15 5:00 PM	<b>SFU CAFE SCIENTIFIQUE: The Lungpacer System</b> Online
October 20 4:00 PM	<b>Life After Graduate School</b> Online
October 26 2:00 PM	<b>Virtual: 2020 Vancouver Gairdner National Symposium</b> Online
October 26-28 8:00 AM	<b>2020 Till &amp; McCulloch Virtual Meeting</b> Online

[View All Events](#) | [Submit an Event](#)

STEMCELL Jobs in Vancouver

**Senior Scientific Support Representative**  
STEMCELL Technologies

**Scientific Recruiter**  
STEMCELL Technologies

**Quality Control Specialist**  
STEMCELL Technologies

**Quality Assurance Associate, Product Release**  
STEMCELL Technologies

**Sales Development Representative**  
STEMCELL Technologies

[View 23 Other STEMCELL Jobs](#)

Other Science Jobs in Vancouver

**Tier 2 Canada Research Chair in Clinical Cancer Genetics and Genomics**  
UBC Department of Medical Genetics

**Professor (Tenure)**  
Centre for Molecular Medicine and Therapeutics

**Stem Cell Biologist**  
Aspect Biosystems

**Scientist, Cell Biology & Assay Development**  
AbCellera

**Projects Manager**  
Canada's Michael Smith Genome Sciences Centre at BC Cancer

[View 51 Other Science Jobs](#) | [Submit a Job](#)



Submit your articles and events by reaching out to us at [info@scienceinvancover.com](mailto:info@scienceinvancover.com).

BROUGHT TO YOU BY



**STEMCELL Technologies**  
Products | Services

**STEMCELL Science News**  
Free Weekly Updates on Your Field

**The Stem Cell Podcast**  
Interviews and Updates on Stem Cell Science