

### Publications of the Week

## Effects of Hyperoxia on Dyspnoea and Exercise Endurance in Fibrotic Interstitial Lung Disease

Schaeffer, M.R. and Guenette, J.A., et al. | European Respiratory Journal | UBC



Dyspnoea is a major source of distress and is the hallmark symptom of patients with interstitial lung disease. Supplemental oxygen may alleviate dyspnoea by attenuating arterial oxygen desaturation, increasing oxygen delivery and reducing the drive to breathe. The authors found that 60% oxygen improves exercise endurance, as well as both the intensity and qualitative dimensions of exertional dyspnoea. [Read Abstract](#)

## A Pharmacogenetic Signature of High Response to Copaxone in Late-Phase Clinical-Trial Cohorts of Multiple Sclerosis

Ross, C.J. and Hayden, M.R., et al. | Genome Medicine | UBC



Copaxone is an efficacious and safe therapy that has demonstrated clinical benefit for over two decades in patients with relapsing forms of multiple sclerosis. On an individual level, patients show variability in their response to Copaxone, with some achieving significantly higher response levels. The authors aimed to identify genetic variants associated with Copaxone response in patient cohorts from late-phase clinical trials. [Read Abstract](#)

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### Awards

## Dr. John Boyd Wins the 2017 PHCRI Innovative and Translational Research Award

The Centre for Heart and Lung Innovation



Congratulations to Heart and Lung Innovation Principal Investigator Dr. John Boyd for winning the 2017 Providence Health Care Research Institute Innovative and Translational Research Award. This award supports clinical research projects to improve patient care. The award will fund Dr. Boyd's project, *Ex Vivo Heart Perfusion: Doubling the Number of Heart Transplants performed in British Columbia*.

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## Faculty Members Honoured at the Academic Gowns and Emeriti Recognition Ceremony

UBC Faculty of Medicine



The UBC Faculty of Medicine celebrated the academic achievements and distinguished careers of 62 faculty members during its annual Academic Gowns and Emeriti Recognition Ceremony. Recipients from across the Faculty wore black gowns to mark their recent promotions to Professor, Clinical Professor or Professor of Teaching. Special recognition was also reserved for 23 members who were granted Emeritus or Emerita status. [Read More](#)

## Announcing 2016-17 Banting Postdoctoral Fellows

UBC Faculty of Medicine



Four postdoctoral fellows from the Faculty of Medicine, including Dr. Jelena Kolic (pictured), are among 10 recipients from UBC to receive the 2016-2017 Banting Postdoctoral Fellowship. There are 70 fellowships awarded nationally. These prestigious fellowships provide each researcher with \$70,000 each year for two years to support research that will positively contribute to Canada's economic, social and research-based growth. [Read More](#)

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### Your Voice

## The Nuts and Bolts of Peanut Allergies

Dr. Tara Fernandez



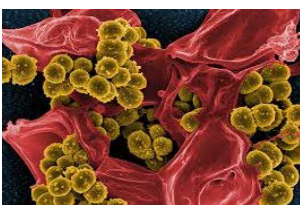
What is the molecular mechanism behind the common peanut allergy? UBC's Dr. Kelly McNagny, Associate Scientific Director of the Canadian Allergy, Genes and Environment Network (AllerGen NCE), and Dr. Edmon Chan, head of the Allergy Clinic at BC Children's hospital, discuss the science behind the nut in preparation for the upcoming Cafe Scientifique on the same subject. [Read More](#)

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### Local News

## Blood Ties: The Inspiration behind a Potential Sepsis Breakthrough

Maclean's



Sepsis—colloquially known as blood poisoning—is not all that rare. In Canada, close to 10,000 people die each year from it, and it accounts for almost 11 per cent of hospital deaths. UBC's Drs. Robert Hancock and Olga Pena tell the story of the research that led to the launch of Sepset, a company focused on developing a sepsis diagnostic tool and implementing it as standard medical practice. [Read More](#)

## For Banting Scholar Dr. Brienne Kent, Research Is All about Rhythm

Djavad Mowafaghian Centre for Brain Health



Dr. Kent recently received a Banting Postdoctoral Fellowship from the Canadian Institutes for Health Research for her work in investigating peripheral circadian oscillators as therapeutic targets for Alzheimer disease. Dr. Kent is looking at the possibility of sleep intervention and increased consumption of the medium-chain triglycerides found in products such as coconut oil as a novel therapeutic initiative in Alzheimer disease. [Read More](#)

## A Swell of Salt and Water Pushes Banting Scholar Dr. Nick Weilinger's Research

Djavad Mowafaghian Centre for Brain Health



Dr. Weilinger joined Dr. Brian MacVicar's lab in 2015 to pursue novel targets for cerebral edema during stroke. Dr. Weilinger is currently investigating the role of proteins in regulating salt, and thereby water into the brain's cells, with the hope that he'll be able to pinpoint the proteins responsible for swelling, reduce osmotic pressure into cells, and mitigate the swelling as it happens. [Read More](#)

## Celebrating Professor Jim Kronstad's Tenure as the MSL Director

Michael Smith Laboratories



Professor Jim Kronstad was recently honoured in a celebration commemorating his nine years as the Director of the Michael Smith Labs (MSL). Dr. Kronstad has been prolific in his work, and has helped to double the department's size by hiring several new faculty, and combining forces with the Centre for High-throughput Biology. In his own words "these activities have revitalized the atmosphere of the MSL".

[Read More](#)

## Starving Research Means Less Crucial Innovation: Scientists

The Globe and Mail



Over the past 15 years, scholars, scientists and trainees pursuing independent research work in Canada have seen funding decline by approximately 35 per cent. Drs. Phil Hieter, Kelly McNagny, and Liisa Galea of the University of British Columbia comment on the importance of the Naylor report, a recent government white paper that reviewed Canada's research apparatus and how to strengthen its flagging stature and output. [Read More](#)

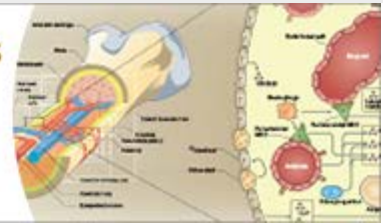
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## Free Wallchart - Bone Marrow Niches and HSC Fates

Produced by Nature Reviews



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### Upcoming Events in Vancouver

- June 21 **Collider Cafe: Art. Science. Transmission.**  
Cafe Deux Soleils
- June 23 **Discussions Relevant to Inspiring New Knowledge and Science (D.R.I.N.K.S)**  
Mahony and Sons, Stamps Landing
- June 27 **Cafe Scientifique**  
Fairview Pub
- June 28 **Three Minute Postdoc Slam**  
Life Sciences Centre, UBC

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### Science Jobs in Vancouver

- Scientific Inside Sales Representative**  
STEMCELL Technologies
- Product Marketing Manager, Pluripotent Stem Cells**  
STEMCELL Technologies
- Laboratory Technician - Microbiology**  
Maxxam Analytics
- Scientist II, Cell & Molecular Biology**  
Precision NanoSystems
- Senior Scientist, Immunology**  
Zymeworks

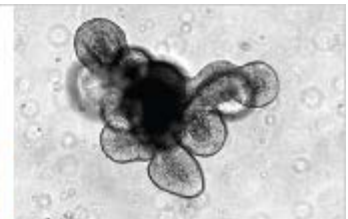
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