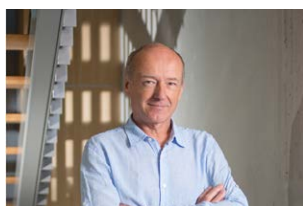


Publications of the Week

Single-Cell Template Strand Sequencing by Strand-Seq Enables the Characterization of Individual Homologs

Sanders, A.D. and Lansdorp, P.M., et al.



cellular heterogeneity. [Read More](#)

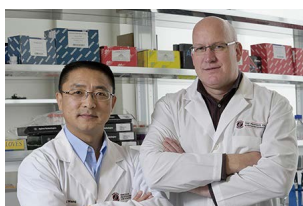
The authors describe Strand-seq, a single-cell sequencing technology that resolves individual homologs within a cell by restricting sequence analysis to the DNA template strands used during DNA replication. This is important for studies of copy-neutral genomic rearrangements, building chromosome-length haplotypes, refining genome assemblies, mapping sister chromatid exchange events and exploring

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Awards

Centre Awarded Three CIHR Project Grants in Fall 2016 Competition

Vancouver Prostate Centre



the same competition. [Read More](#)

Congratulations to Drs. Collins (right), Daugaard, and Wang (left) on being awarded five-year grants in the CIHR Project Grant: Fall 2016 competition. Dr. Wang is also a co-investigator on a five-year grant awarded to Dr. He at the University Health Network. Congratulations also to Dr. William Morris of the BC Cancer Agency, and Dr. Alan So of the Vancouver Prostate Centre, on being awarded a six-year grant in

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Local News

To Crack the Vaccine Code, UBC Assembles Its Own “Ocean’s Thirteen”

UBC Faculty of Medicine



A scientific version of the Ocean's Thirteen gang, consisting of thirteen UBC faculty members with world-class expertise in their fields, has been rounded up to begin work on the Human Vaccine Project. The hope of the researchers is to replicate the success of the human papillomavirus vaccine, which is believed to only be required in one dose for lifetime protection. [Read More](#)

New Research Finds Brain Injury Causes Impulse Control Problems in Rats



New research from Dr. Catharine Winstanley's lab confirmed for the first time that even mild brain injury can result in impulse control problems in rats. The study, published in the *Journal of Neurotrauma*, also found that the impulsivity problems may be linked to levels of an inflammatory molecule in the brain, and suggests that targeting the molecule could be helpful for treatment. [Read More](#)

B.C. Developed Hepatitis C Screening Test Personalizes Treatment for Patients

The Globe and Mail



Scientists in Vancouver have developed a new screening tool that reveals the genetic signature of an individual's hepatitis C virus so that doctors can customize their treatment. The tool, funded by Genome B.C. and devised by researchers at the B.C. Centre for Excellence in HIV/AIDS, could save money and lives, said Anita Howe, scientific lead for the hepatitis C program. [Read More](#)

Fetal Reduction in Multi-Fetal Pregnancies Associated with Better Birth Outcomes

UBC Faculty of Medicine



UBC researchers have found that reducing twin and triplet pregnancies to singleton or twin pregnancies is associated with a substantial reduction in complications, such as pre-term birth and very pre-term birth. Although rates of death and serious illness were not lower among all multi-fetal pregnancies that were reduced, pregnancies that resulted from fertility treatments did show a significant reduction in rates of death or serious illness following fetal reduction. [Read More](#)

UBC Hosts First Ever BC Regenerative Medicine Symposium



On May 10th, scientists and trainees in the field of stem cell biology attended the first ever BC Regenerative Medicine Symposium at the UBC Pharmaceutical Sciences building. The full day event featured talks by academic and industry professionals, a poster competition, and the Henry G. Friesen International Prize in Health Research Lecture by Dr. Janet Rossant, Deputy Scientific Director of the Canadian Stem Cell

Network. [Read More](#)

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LIVE WEBINAR

Modeling Genetic Epilepsies with Induced Pluripotent Stem Cells

by Dr. Andrew Tidball (Jack Parent Lab), University of Michigan



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Upcoming Events in Vancouver

- May 25 **SBN Research Exchange & Poster Competition**
UBC Pharmaceutical Sciences Building
- May 25 **D.R.I.N.K.S.**
Mahony and Sons, Stamps Landing
- May 26 **CDRD Immunotherapy Symposium**
The Centre for Drug Research and Development
- May 26 **Graduate Student Research Day: From Cells to Societies**
Life Sciences Centre
- May 31 **2017 Squamish SciComm Course**
Quest University

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Science Jobs in Vancouver

Scientific Inside Sales Representative

STEMCELL Technologies Inc.

Product Marketing Manager, Pluripotent Stem Cells

STEMCELL Technologies Inc.

Senior Application Developer/Analyst

Providence Health Care Research Institute

Senior Associate, Clinical Project & Development (Neurology)

New B Innovation Limited

Research Technician

Renaissance BioScience Corp.

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