

Student Research News e-bulletin

March 14, 2014

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Funding Reminders

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[Child and Family Research Institute Summer Studentship](#) – March 15, 2014

[Society for Vascular Surgery Student Research Fellowship](#) – March 17, 2014

[Child Neurology Foundation Swaiman Medical Scholarship](#) – March 26, 2014 (via mail)

[Canadian MPS Society's Summer Studentship Research Grants](#) – March 30, 2014

[Canadian Liver Foundation Summer Studentship](#) – March 31, 2014

[SQAN Studentship Award Competition](#) – March 31, 2014; 4:00 pm

[Mitacs Globalink Research Award \(Travel\)](#) – ongoing

[BC Clinical Genomics Network Travel and Training Awards](#) – ongoing

For additional funding opportunities visit: <http://med.ubc.ca/current-learners/research/funding/>.

Upcoming Events

[5th Annual World TB Day at the University of British Columbia](#)

Date: March 24 & 25, 2014

Location: UBC Life Sciences Centre (2350 Health Sciences Mall)

Following the success of the last four years of the World TB Day at the University of British Columbia, we are pleased to announce the fifth edition of this event.

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UBC World TB Day is designed to raise awareness about tuberculosis (TB). TB remains an epidemic in much of the world, causing the deaths of over 1 million people each year. In Canada, the incidence of TB is particularly high among First Nations people. In Vancouver, TB is an ongoing concern in the Downtown Eastside.

This year we present an exciting program with short seminars on topics that expand from basic science to clinical aspects of the management of the disease at the BC Center for Disease Control (BC CDC). A keynote speaker **Dr. Anil Koul**, Scientific Director and Head, Respiratory Infections Discovery, Johnson and Johnson, Belgium, will present his work leading to the FDA approval of the first TB drug in 50 years, bedaquiline. Finally, for the first time as part of a public outreach speaker series organized by the Life Sciences Institute, the LSI Public Talks, Dr. Anil Koul and Dr. Jan Hayek will share their experiences developing drugs for TB and working with *Doctors without Borders* in the field. For a full program and additional information please visit the website (hyperlinked above).

Register online at: TB Day events: <http://ctbr.ubc.ca/world-tb-day/>
LSI Public Talk: <http://lsi.ubc.ca/talks>

[LSI Public Talk – World TB Day: Eliminating Tuberculosis Worldwide](#)

Date: March 25, 2014; 6:00-8:00 pm

Location: UBC Life Sciences Institute (2350 Health Sciences Mall)

****Live webcast also available from event website****

The Life Sciences Institute proudly hosts LSI Public Talks, an informal and open forum that aims to bring the latest and greatest ideas in the area of the Life Sciences to the public. This year's series will focus on Personalized Medicine and how the LSI faculty, staff and students are working to change clinical practice, improve health outcomes, and reduce health costs.

Speakers: **Dr. Jan Hayek** – Clinical Assistant Professor, Division of Infectious Diseases, UBC; Médecins Sans Frontières/Doctors Without Borders (MSF); ***MSF and the humanitarian response to TB***

Dr. Anil Koul – Scientific Director and Head, Respiratory Infections Discovery, Johnson and Johnson, Belgium; ***TB Drug Discovery and Development – 101***

Tuberculosis (TB) remains a major global health problem. In 2012, an estimated 8.6 million people developed TB and 1.3 million died from the disease. The number of TB deaths is unacceptably large given that most are preventable. Few drugs are available to treat TB and the treatment is long (6 months). Treatment for resistant forms of the disease (MDR- and XDR-TB) can take up to 2 years.

This event brings together a research scientist who developed the first new TB drug in 50 years and clinician who worked with MSF in Uzbekistan and South Sudan to provide humanitarian support.

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Please visit the website (hyperlinked above) to RSVP.

10th Annual D. Harold Copp Lecture

Date: April 2, 2014; 4:00 pm

Location: UBC Life Sciences Centre; Videoconferences: MSB 160; NHSC 9-235; UBCO RHS 257

Speaker: [Kai Simons](#), PhD Research Group Leader and Director Emeritus Max Planck Institute of Molecular Cell Biology and Genetics Dresden, Germany

Cell Membranes: Subcompartmentalization Driven by Phase Separation: Cell membranes have developed a tremendous complexity of lipids and proteins geared to perform the functions cells require. To coordinate these functions, the bilayer has evolved the propensity to segregate its constituents laterally. This capability is based on dynamic liquid-liquid immiscibility and underlies the raft concept of membrane sub-compartmentalization. Key to understanding the principles underlying liquid-liquid de-mixing in cell membranes is the mutual weak interactions between sterols, sphingolipids and raft proteins. The potential for sphingolipid-cholesterol self-assembly combines with protein specificity to dynamically regulate protein segregation within the membrane plane. This mechanism is employed in regulating endocytic or exocytic membrane transport, in transducing specific signals across the plasma membrane or to perform different biochemical reactions dependent on the proteins involved. The regulation of the two dimensional separation of lipids and proteins in membranes into dynamic liquid membrane rafts, separating from the surrounding bilayer, is dependent on the propensity for liquid phase separation. Liquid phase transitions are not confined to cell membranes and are emerging as a general principle driving cellular organisation.

2014 SFU Health Research Day

Date: April 10, 2014; 9:30 am – 5:30 pm

Location: Mowafaghian Theatre, Blusson Hall, 8888 University Drive, Simon Fraser University, Burnaby

The SFU Health Network Advisory Committee (HNAC) the SFU Office of the Vice President Research presents the 2014 SFU Health Research Day, a day dedicated to raising awareness of the diversity of health research being undertaken at SFU, reviewing the changing internal and external environment for health researchers, and fostering closer collaborations between SFU researchers and external community partners. Dress Code: Business Casual.

Please register at: <https://www.sfu.ca/healthnetwork/health-research-day/attend.html>

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[5th Annual G.F. Strong Rehab Centre Rehabilitation Research Day](#)

Date: April 16, 2014

Location: G.F. Strong Rehabilitation Centre (4255 Laurel Street, Vancouver)

Plenary Speaker: Dr. Charles Bombardier - Professor of Rehabilitation Medicine; Head, Division of Clinical and Neuropsychology; University of Washington.

Major Depression in TBI: State of the Science and Clinical Implications

We invite research presentations and posters from rehabilitation clinicians, researchers, graduate students and residents on projects and topics relevant to the rehabilitation community. For more information visit the website (hyperlinked above) or contact Amber Backwell: amber.backwell@vch.ca.

[Workshop: Introduction to Systematic Reviews](#)

Date: May 6, 2014; 9:00 am – 4:00 pm; REGISTRATION DEADLINE April 21st

Location: C2E2, VGH Research Pavilion, Room 700, 828 West 10th Avenue, Vancouver

This Centre for Clinical Epidemiology & Evaluation course is intended to provide participants with an understanding of systematic review methodology and what is entailed in completing such a task. Time will also be spent on defining your research question with input from the instructors and participants. It is being held on February 18th and then again on April 29th. For course details and registration procedures please visit the website (hyperlinked above) and click on the appropriate course date in the training section.

[The End of AIDS: Reality or Hyperbole](#)

Date: May 21, 2014; 7:30 pm

Location: Vogue Theatre, Vancouver

The Peter Wall Institute for Advanced Studies is pleased to announce it will host eminent speaker, diplomat and Canadian politician Stephen Lewis May 21, 2014, for his public lecture "The End of AIDS: Reality or Hyperbole". For more information about the author, the talk and the venue, visit the website (hyperlinked above). Tickets are available online through the Vogue Theatre [website](#). They are free, but must be reserved and are in limited supply.

Event Reminders

[UBC Animal Care Committee Drop-in Session Office Hours](#) – March 19, 2014 OR March 31, 2014

[BrainTalks - Synapses and Autism, Schizophrenia](#) – March 20, 2014

[Centre for Blood Research – 2014 Norman Bethune Symposium](#) – April 9, 2014

[How to Write an Effective Animal Care Protocol](#) – April 22, 2014

CONFERENCE: [eHealth and Innovative Technology](#) – May 9, 2014; REG. DEADLINE March 25, 2014

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[Clinical Research Ethics Board Office Drop-In Sessions](#) – Every 2nd & 4th Monday of the month

For additional event listing visit: <http://med.ubc.ca/current-learners/research/events/>.

Ongoing Seminar Series

Please follow this [link](#) for a list of ongoing events and seminar series that may be of interest to MD undergraduate students.

[MD/PhD Building Bridges Seminar Series](#)

Additional Research and Scholarship Opportunities & Resources

Reminders

[Research team seeking student partner for CLF Summer Studentship in Pediatric Liver Disease](#) – Deadline March 17th (see February 28th edition for details)

[UBC Medical Journal Call for Submissions](#) – **deadline extended until March 14, 2014**

[Free Statistical Analyses -- UBC Department of Statistics](#)

Additional research and scholarship information and resources are available on the Student Research website: <http://med.ubc.ca/current-learners/research/>.
