

SBME Weekly News | March 6

Updates | March 6, 2023



Weekly News

UBC School of Biomedical Engineering

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Announcements



Carolina Tropini is appointed Alan Bernstein Fellow

Congratulations to [Dr. Carolina Tropini](#) on her appointment as CIFAR's inaugural Alan Bernstein Fellow in honour of CIFAR's President Emeritus. The appointment recognizes Dr. Tropini's groundbreaking research into how the microbiome impacts human health. She is working to better understand the vibrant microscopic world located within the human gut, and the potential it holds for precision medicine.

Reflecting on her academic career so far, Dr. Tropini shared that together, Bernstein's leadership and CIFAR's support have shaped her career and leadership abilities, enabling the pursuit of groundbreaking research. Now, as the inaugural Alan Bernstein Fellow, she aims to push this research further.

[Read More Here.](#)

Canadian Society for Immunology Investigator Award

Congratulations to Dr. Kelly McNagny, who has recently been announced as the 2023 winner of this prestigious award. Dr. McNagny's research program is focused on hematopoietic stem cell biology, specifically in understanding the signalling networks that regulate stem cell differentiation and how these cells interact with their microenvironment. These processes have important implications in chronic allergy, asthma, and other inflammatory diseases. Dr. McNagny's research interests also include the innate immune response, kidney function, immuno- and cell-based therapies.

[Learn More.](#)

Government of Canada establishes new research hubs to accelerate Canada's vaccine and therapeutics production

UBC is excited to lead Canada's Immuno-Engineering & Biomanufacturing Hub on behalf of its national and global partners. The Government of Canada has recently announced an investment of \$10 million for 5 research hubs selected in the Stage 1 of the Canada Biomedical Research Fund and Biosciences Research Infrastructure Fund

[Learn More.](#)

3MT Winners

Congratulations to our 3MT winners. Our top two finalists Yas Oloumi Yazdi and Yeganeh Dorri Nokoorani who will be advancing to the next round.

Yas Oloumi Yazdi is currently undergoing her PhD in Biomedical Engineering under the supervision of Dr. Karen Cheung, and her presentation was titled: Alignment of Magnetic Microstructures for Spinal Cord Injury Treatment.

Yeganeh Dorri Nokoorani is currently undergoing her PhD in Biomedical Engineering under the supervision of Dr. Nika Shakiba, and her presentation was titled: Optimizing culture conditions for healthy human stem cells.

Interview with Peter Zandstra

Learn more about the head of our department Peter Zandstra, the story behind Notch Tx, and so much more in this exclusive interview with Biomarker.

[Read Article Here.](#)

2023 SBME Synergy Summer Studentship Program

Applications for the SMBE Synergy Summer Studentship program are open until March 17th.

[Please read the program requirements here.](#)

Professional Development Sessions & Research Talks

Save the Date - SBME Symposium

June 13 | 9:00 am - 5:00 pm

Our annual Symposium will take place on June 13. Details will be announced next week.

[Add the Event to Your Calendar.](#)

Publishing for Impact

April 11 | 10:00 am - 11:00 am

Have you ever wondered what goes on behind the scenes when you submit your manuscript? In this seminar, Barbara Cheifet, Chief Editor of Nature Biotechnology, will shed some light on the most common questions that journal editors receive. Barbara will share tips on how to submit your manuscript to the right journal, discuss how journal editors manage peer review, and share how editorial decisions are made.

[Learn More.](#)

Day in the Life of a Journal Editor

April 12 | 11:00 am - 12:30 pm

This seminar will outline the day to day life of a journal editor. Barbara Cheifet, Chief Editor of Nature Biotechnology, will discuss how to get started in journal editing, what skills are required to work at a journal, and the ups (and downs) of the job.

[Learn More.](#)

SBME Propels: Investing in Innovations

March 8 | 12:00 pm - 1:00 pm

Explore the translation of academic innovations, and the significant resource gaps many founders face. The panel will explore financial resources to support commercialization and help innovators navigate and understand this funding landscape. This discussion includes panelists with expertise in government funding, angel investors, VC, corporate partnering/investing, incubators and accelerators.

[Learn More & Register.](#)

Plug Yourself into UBC Research

March 9, 16 & 27 | 12:00 pm - 1:00 pm

Discover the who, what, why and how of UBC research this March as the Office of the VP, Research and Innovation presents Plug Yourself into UBC Research - a three-part series for undergraduate students.

[Learn More & Register.](#)

Stay up to date on all SBME community Seminars & Events

Subscribe to import all events into your calendar so you'll never miss an event.

[SBME Events Calendar](#)

Awards and Grants

9TH Annual MDDC Awards for Excellence in Biomedical Engineering Student Design & Innovation

Application Deadline: April 2, 2023 at 11:59 pm PT

Finalists notified: April 10

Finalists will demonstrate their project/prototypes: May 6, 2023

The MDDC Medical Device Development Centre of British Columbia (‘the MDDC’) is pleased to announce the renewed and increased endowment of up \$19,000 to the MDDC Student Awards to encourage and recognize student innovators in technologies relating to medicine and health care, including medical devices, systems, software, apps, and assistive technologies.

Contact | awards@mddc.org

IGF 5th Year Award

Application Deadline: March 23, 2023 at 4:00pm PT

Indigenous PhD students in their 4th year are now able to apply for 5th year funding through the IGF 5th Award. The award, valued at \$18,200 per annum plus tuition, is awarded on the recommendation of the Faculty of Graduate and Postdoctoral Studies to full-time Indigenous doctoral students from all disciplines to fund their 5th year of study, where research involves community-engaged methodologies and approaches.

[Learn More & Apply.](#)

IGF Research & Travel Award

Application Deadline: March 23, 2023 at 4:00pm PT

Funding in support of research and travel expenses for Indigenous graduate students has been made available through the IGF Research & Travel Award to current holders of the Indigenous Graduate Fellowship. Recipients of the award will be engaged in work that contributes directly or

indirectly to community engagement and relationship building with Indigenous communities. Successful candidates will receive a minimum of \$3,000 for Master's students and a minimum of \$5,000 for Doctoral students. Additional funding may be offered depending on budget availability.

For information on eligibility and application procedures, including application forms, [please consult the G+PS webpages.](#)

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Do you have news or information you want to share with the community?

Fill out our [newsletter submission form](#) to be featured in the next **SBME Newsletter** (*we will accept submissions up to two days before the release of the next edition*).

And don't forget to connect with the SBME on social media.

THE SBME COMMUNICATIONS TEAM
