

SBME Weekly News | March 20

Updates | March 20, 2023



# Weekly News

UBC School of Biomedical Engineering

## TABLE OF CONTENTS

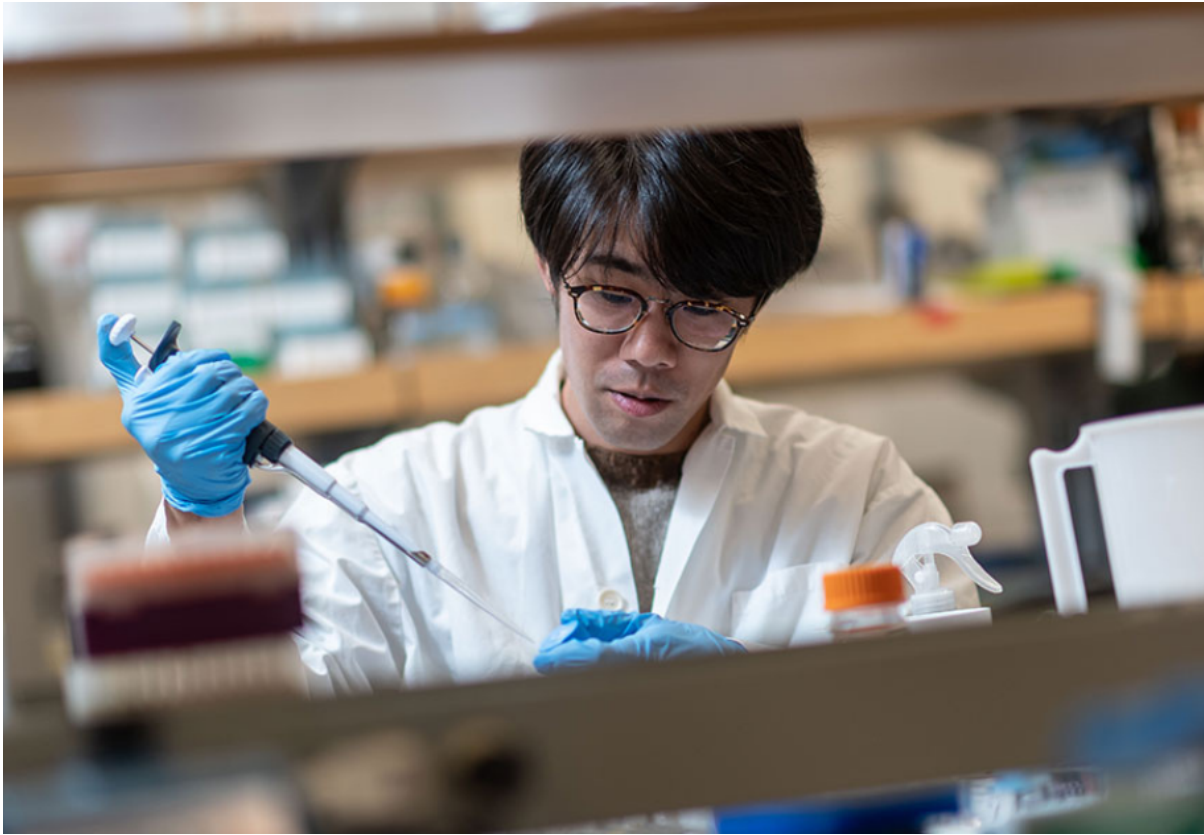
[Announcements](#)

[Professional Development Sessions & Research Talks](#)

[Send Us Your Newsletter Submissions](#)

---

## Announcements



## **UBC-led biomedical innovation hub to accelerate development and manufacturing of lifesaving medicines for Canadians**

The B.C.-based research and innovation hub, led by UBC, brings together a coalition of provincial, national and international partners to position Canada as a global epicentre for the development and manufacturing of next-generation immune-based therapeutics.

CIEBH is one of five new research hubs announced by the federal government that will work together to improve pandemic readiness and the overall health and well-being of Canadians. Federal funding of \$570 million is available over the next four years to support project proposals associated with these hubs in order to advance Canada's Biomanufacturing and Life Sciences Strategy.

This federal investment will enable UBC and its CIEBH partners to pursue an integrated program of biomedical research and talent development, along with building infrastructure to support the development and manufacturing of medical treatments in B.C. and Canada.

[Learn More.](#)

**Thank you from Propels**

That's a wrap on another successful season of SBME Propels! We extend our heartfelt gratitude to our speakers, attendees, and partners for their invaluable support in advancing the field of biomedical engineering. We would like to extend a special thank you to the entrepreneurship@UBC team for their extensive partnership and support throughout the SBME Propels series. We are also deeply grateful for the generous support provided by STEMCELL Technologies.

We would like to express our gratitude to all speakers and participants for their invaluable contributions to knowledge exchange at SBME Propels. Your insights and expertise have helped us to build a stronger community and program that supports our trainees, staff, and faculty with the skills they need to succeed in their careers, become effective leaders, and build lasting partnerships.

If you have any feedback or ideas on topics for next year's series, we would love to hear them. Stay tuned for the launch of SBME Propels' 3rd season in September!

**Danielle Walker** | [danielle.walker@ubc.ca](mailto:danielle.walker@ubc.ca)

---

## **Professional Development Sessions & Research Talks**

### **International Day for the Elimination of Racism**

**March 21 | 10:15 am - 2:30 pm**

Reminder that tomorrow is the International Day for the Elimination of Racism. The APSC Equity, Diversity, Inclusion and Indigeneity office is hosting a Dialogue Day tomorrow and we encourage you to join us!!

The Dialogue Day is a response to our community's desire to develop our collective toolboxes for having critical and challenging conversations around race and anti-oppression, as well as building caring and equitable spaces within our Faculties as it relates to anti-oppression in leadership, research, teaching, and the workplace.

[Register.](#)

[Calendar Hold.](#)

---

## Total control of the human genome by reprogramming and precision editing

March 24 | 2:00 pm - 3:00 pm | CBH LL 101

SBME is thrilled to host Dr. Knut Woltjen from the University of Kyoto, Japan. Dr. Woltjen will give a research seminar on the rationale and process for the development of technologies based on engineered and endogenous microhomologies, modulation of DNA repair pathways through cell cycle control, and RNA-encoded designer mutations that have helped him and his lab reveal the genetics underlying human health and disease.

Specifically, Dr. Woltjen will discuss these technologies in the context of their application to functional genomics, cell therapy, and rejuvenation, as well as their future in genome interpretation and redesign.

**This seminar is a hybrid session.** To attend the session in-person please join us in CBH LL 101. To attend the session virtually please add this event to [your calendar](#).

---

## SBME Food Drive

March 20 - 22 | 12:30 pm - 2:00 pm | KAISER Atrium (with collection boxes left in the BRC)

The cost of being a student in Vancouver has skyrocketed post-pandemic, compounded by rising inflation and the decreased availability of student housing. SBME is hosting an SBME-wide food drive to support the AMS Food Bank, which has seen a corresponding increase in demand. Come out and show support for the community by contributing to the food drive, each item donated counts as one entry to win a prize.

**Note:** Please, no perishable, expired or opened food items!

- Pasta and pasta sauce
- Frozen food (such as frozen ready meals)
- Canned meat (tuna, chicken, salmon)
- Canned vegetables (peas, corn, mushrooms)
- Canned soup
- Baby products (diapers, formula, baby food)

- Cereal
  - Oats/oatmeal
  - Granola bars
  - Personal hygiene products
  - Milk alternatives
- 

## **UBC Gender Equity and Climate Action Conference 2023**

**March 25 | 9:30 am - 3:30 pm | UBC LSI 1312**

The main goal of this conference is to advance dialogue around gender inclusion and equality in STEM fields, specifically with regards to women and other gender-oppressed communities and equip attendees with the inspiration and motivation to tackle the STEM gender gap in their own spheres. In this year's conference, our speakers are focusing on climate science and action. Hosted by UBC Young Women for STEM in partnership with the Society for Canadian Women in Science and Technology (SCWIST).

[Register.](#)

[Attend virtually.](#) Zoom Meeting ID: 91469689321 Passcode: 689321.

Contact | [ubcywfs@gmail.com](mailto:ubcywfs@gmail.com).

---

## **SBME Researchers Tell All**

**March 23 | 4:30 pm – 5:30 pm | UBC Engineering Student Centre**

An information session for undergraduate BMEG students interested in research. The event will begin with three brief talks detailing the process of becoming an undergraduate research student, becoming a graduate research student, and life as a graduate research student. Next, SBME lab representatives will give short presentations on their lab's research. Pizza and drinks will be provided (mingling is encouraged following the event)

[Event Information.](#)

[Attendee RSVP.](#)

[Presenter Sign-Up.](#)

---

## **National Workshop (ComSciConCAN)**

**April 2nd | 11:59 PM | Deadline to Apply**

Network with professionals to explore science communication.

ComSciCon is a series of workshops focused on enhancing communication skills and fostering an inclusive community that can effectively communicate scientific information to academic and non-academic audiences. Created in 2013 by graduate students at Harvard University and MIT, over 2000 graduate students have now benefited from learning the skills needed to communicate complex concepts within science, engineering and other technical fields to reach broader and more diverse audiences. ComSciCon has now come to Canada to empower the next generation of leaders in STEM fields across the country.

[Learn More.](#)

[Apply.](#)

---

## **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**

---

## FOLLOW US



## SEND US YOUR NEWSLETTER SUBMISSIONS

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**

---

---