



THE 2ND ANNUAL
CANNABIS SCIENTIFIC SYMPOSIUM:
**FROM PLANTS
TO PEOPLE**

May 4-5th, 2023
(Montreal, QC)

Hybrid: Virtual
and In Person

KEYNOTE SPEAKER

Dr. Nirit Bernstein, Ph.D.

Volcani Research Center, Isreal

**“Advances in Nutrient Management and Plant
Architecture for Medical Cannabis”**



Health
Canada Santé
Canada



Centre universitaire
de santé McGill
Institut de recherche



McGill University
Health Centre
Research Institute



MCGILL RESEARCH CENTRE *for* CANNABIS

On October 17th, 2018, Canada became the first G20 country to legalize cannabis for both recreational and medicinal purposes. Yet, there remains uncoordinated research capacity in many domains of cannabis and cannabinoid science. Therefore, the objective of the **McGill Research Centre for Cannabis** is to offer a hub for integrated cannabis-related research activities, the outcomes of which will provide evidence-based knowledge and greatly impact cannabis-related decisions/policies surrounding health, society, and law.

This Centre brings together more than 60 scientists that have diverse, multi-disciplinary expertise that includes plant science, production, and processing; disease models/preclinical research, drug development and clinical trials; social implications as well as health and economic impact studies for guidelines on policies and laws. Through this collaborative effort, the goals of the Centre will be (1) to conduct high-quality, cutting-edge research on cannabis; (2) provide educational and training opportunities to develop highly-qualified personnel (HQP) in the areas that span agriculture and plant sciences, medicinal/clinical applications and socioeconomic policy; (3) offer knowledge translation and mobilization events on cannabis research and its impact on society; and (4) interact with the public, industry, government and other stakeholders.

Thus, the McGill Research Centre for Cannabis will harmonize our efforts in understanding cannabis use in Canada and its effect on health and society. By uniting scientists with diverse expertise, we aim to provide evidence-based information to members of the scientific community, government regulatory bodies, physicians, patients, and the Canadian population.

For more information, please go to <https://www.mcgill.ca/cannabis/> or email cannabis.medicine@mcgill.ca

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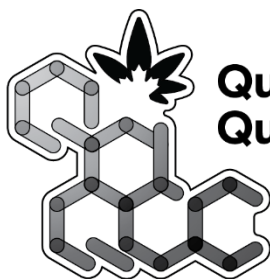
FROM PLANTS TO PEOPLE

Hybrid (virtual and in-person)—May 4–5, 2023

McIntyre Medical Building (6th floor lobby) and Meakins Amphitheatre
McGill University, Montreal, Quebec

DAY 1: THURSDAY, MAY 4, 2023

- 8:30 a.m. – 9:00 a.m.** **Registration and coffee/tea/refreshments; virtual log in**
- 9:00 a.m. – 9:10 a.m.** **Welcome and announcements**
Miguel Burnier, MUHC Foundation
Dr. Carolyn Baglole, McGill Research Centre for Cannabis
Dr. Mark Lefsrud, QAQCC
- 9:15 a.m. – 9:45 a.m.** **Expert Speaker 1: Plants-Dr. Jim Faust, Clemson University, SC (VIRTUAL)**
- 9:45 a.m. – 11:30 a.m.** **Session 1-Plants (chaired by Dr. Donald Smith)**
1. Justin Boissinot, Université Laval
 2. Marcello Borin, University of Verona
- Coffee/tea break at ~10: 15–10:30 a.m.**
3. Zohreh Poudineh, McGill University
 4. Justin Bohemen, McGill University
 5. Ankita Srivastava, University of Saskatchewan* (**Virtual**)
- 11:30 a.m. –12:30 p.m.** **Lunch and networking**
- 12:30 p.m. – 13:30 p.m.** **Keynote Speaker: Dr. Nirit Bernstein, Volcani Center, Israel**
- 13:30 p.m. – 13:45 p.m.** **Coffee/tea break**
- 13:45 p.m. – 3:00 p.m.** **Session 2: Postharvest processing, analytical cannabis and formulation (chaired by Dr. Carolyn Baglole)**
6. Dr. Philip Wiredu Addo, McGill University
 7. Hinane Boumghar, CÉPROCC
 8. Sai Uday Reddy Sagili, McGill University
 9. Corrine Dobson, University of Ottawa
 10. Dr. Joseph Bautista, University of Windsor
- 3:00 pm – 5:00 p.m.** **POSTER SESSION with refreshments in the Bellini building (Atrium)**



Quality Assurance and Quality Control for Cannabis

Production, Products and Training

QAQC for Cannabis Production, Production and Training Program

The legalization of cannabis in Canada has set the stage for academic researchers, industry and government to work together improving product quality and safety for consumers and communities. Yet, scientifically validated methods for cannabis cultivation, post-harvest processing and formulations are lacking, and different approaches have resulted in inconsistent product yield, potency, and quality.

This NSERC CREATE Program in **QAQC for Cannabis Production, Products and Training** (or QAQCC) aims to address this problem through a collaborative initiative spanning three academic institutions (McGill University, University of Ottawa and the University of Saskatchewan), Health Canada and license holders/industrial collaborators across the country. While fulfilling the requirements their graduate degrees, trainees enrolled in the QAQCC hold internships with cannabis license holders or at Health Canada.

They perform research and contribute toward the development of researched-based methods and improved cannabis cultivation, postharvest handling, and processing, as well as compound extraction and analyses. In doing so, the QAQCC is continually expanding and strengthening much needed links between academics and leaders in the cannabis industry. Upwards of 60 trainees will emerge from the QAQCC program, all with a transversal skillset allowing for smooth transition into the workforce, whether in academia, the public or private sectors.

For more information on the QAQCC, please visit www.qaqcc.com or email qaqcc@mcgill.ca.

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DAY 2: FRIDAY, MAY 5, 2023

- 8:00 a.m. – 8:30 a.m.** Coffee/tea/refreshments; virtual log in
- 8:30 a.m. – 9:00 a.m.** Expert Speaker 2: Medical-Dr. Cecilia Costiniuk, McGill University
- 9:00 a.m. – 10:30 a.m.** Session 3-Preclinical/Medical (chaired by Dr. Nadeem Siddiqui)
1. Emily Wilson, McGill University
 2. Roham Gorgani, McGill University
 3. Maddison Arlen, McGill University
 4. Dr. Ilse Gantois, McGill University
 5. Ryan Moyer, UBC
 6. Dr. Régis Vaillencourt, Harvest Medicine* (**Virtual**)
- 10:30 a.m. – 10:45 a.m.** Coffee/tea break
- 10:45 p.m. – 12:30 p.m.** Session 4: Community, Safety & Policy (chaired by Dean Anja Geitmann, Faculty of Agricultural and Environmental Sciences)
7. Dr. Olivier Valentin, McGill University
 8. Vincent Desaulniers Brousseau, McGill University
 9. Dr. Issam Ben Moussa, Cannara Biotech
 10. Ryan Pusiak, University of Ottawa
 11. Dr. George Mammen, Health Canada (20-30 min)
- 12:30 p.m. – 1:30 p.m.** Lunch and networking
- 1:30 p.m. – 2:00 p.m.** Expert Speaker 3: Dr. Lauren Kelly, Children’s Hospital Research Institute of Manitoba (**VIRTUAL**)
- 2:00 p.m. – 2:45 p.m.** Session 5: Highlights from Canadian cannabis research centers (chaired by Dr. Mark Lefsrud)
12. Dr. Hudson Reddon, UBC
 13. Dr. Davoud Torkamaneh, Université Laval
 14. Dr. Youbin Zheng, University of Guelph* (**Virtual**)
- 2:45 p.m. – 3:00 p.m.** Coffee/tea break
- 3:00 p.m. – 3:30 p.m.** Awards and closing remarks - Drs. Carolyn Baglole and Mark Lefsrud

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ABSTRACTS AND POSTERS

To reduce our environmental impact and also provide engaging content for virtual attendees, we have decided to offer online video poster presentations and online abstracts for all conference presentations. You can scan the QR codes below to access the online content.

ABSTRACTS FOR CONFERENCE PRESENTATIONS



VIDEO POSTER PRESENTATIONS



NOTES:

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THANK YOU FOR YOUR SUPPORT

