



2023

CANADA SYN BIO

June 13 - 15, 2023 | Toronto, Canada

INNOVATING FOR A SUSTAINABLE FUTURE

POWERED BY:



WWW.CANADASYNBIO.CA



2023 CANADA SYN BIO

Welcome to the fifth annual Canada SynBio Conference!

This year's theme is "Innovating for a Sustainable Future," embodying the incredible promise of synthetic biology to solve humanity's greatest challenges. From climate change and food insecurity to acute and chronic disease, collaborative innovation is the only way to ensure we have a sustainable future for generations to come.

This event will be an engaging and informative experience, featuring keynote presentations, panel discussions, and industry showcases that will give you insight into the latest industry trends and innovations.

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[#SynBio2023](https://twitter.com/SynBio2023)



Interact through SLIDO

During the conference participate in polls, send questions, have your voice heard, and interact with the audience. Join at slido.com - #4263 099



MaRS Centre, West Tower
661 University Avenue, Suite 490
Toronto, ON M5G 1M1
416-977-9582
www.ontariogenomics.ca

WHAT TO EXPECT



Join us on Tuesday, June 13th,
at 7:30 PM for the Reception
sponsored by Twist Bioscience
at Mercato Restaurant (on College)

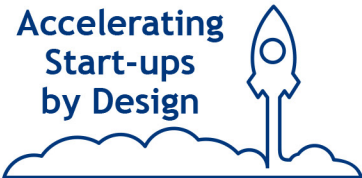


Join us on Wednesday, June 14th,
at 5:30 PM for the Expo Reception
sponsored by The Cultivated B
at MaRS Heritage Atrium



Meet the Winners of our
BioCreate Program. Cohort one
winners will be announced on
Wednesday, June 14 at 2:30 PM.

Accelerating
Start-ups
by Design



Five groundbreaking SynBio start-ups
will pitch their companies.
The winner will take the prize of
\$10,000 CAD courtesy of IndieBio.
Thursday, June 15th at 9:15 AM.

AGENDA

The dynamic conference program features a wide range of topics, including cellular agriculture, circular economy, biomanufacturing, ethical and regulatory frameworks, training, and health innovations. You will also have the opportunity to participate in interactive workshops and networking events.

DAY ONE

TUESDAY, JUNE 13, 2023

- 5:30 PM **REGISTRATION OPENS**
- 6:00 PM Welcome Remarks - Bettina Hamelin, Ontario Genomics
- 6:15 PM Presentation “DNA Variant Libraries With a Twist” - Samuel Stimple, Twist Bioscience
- 6:30 PM Keynote - Pamela Silver, Harvard Medical School
- 7:30 PM - 9:30 PM Reception - Twist Bioscience at Mercato (on College)

DAY TWO

WEDNESDAY, JUNE 14, 2023

- 8:30 AM **BREAKFAST & REGISTRATION**
- 9:00 AM Welcome Remarks - Bettina Hamelin, Ontario Genomics & Rob Annan, Genome Canada
- 9:15 AM Keynote - Biomanufacturing / Jitin Bali, The Cultivated B.
- 9:45 AM Keynote - Biomanufacturing / Aryé Elfenbein, Wildtype
- 10:15 AM Fireside Chat - Food Biomanufacturing & More: Canada’s \$12B+ Opportunity
- 10:45 AM **BREAK**
- 11:15 AM Panel - Biomanufacturing Capacity and Canada’s Fermentation Opportunity
- 12:15 PM **LUNCH**

- 1:15 PM AvanceBio: Animating an Ecosystem of Innovation for Bioindustrial Manufacturing in Quebec
- 1:30 PM Panel - Carbon Circularity in The SynBio Age
- 2:30 PM BioCreate Showcase
- 3:30 PM **BREAK**
- 4:00 PM Panel - Driving the Biotechnology Agenda: Biosecurity and Regulation
- 5:00 PM Genomics From Coast to Coast
- 5:45 PM - The Cultivated B. - Expo Reception at Heritage Atrium
- 8:00 PM

DAY THREE

THURSDAY, JUNE 15, 2023

- 8:30 AM **BREAKFAST**
- 9:00 AM Welcome Remarks - Stephen Chambers, IndieBio
- 9:15 AM Pitch Competition: Accelerating Start-ups by Design
- 10:15 AM **BREAK**
- 10:45 AM Panel - Molecular Medicine in Health Innovation: Moving the Needle in Canada
- 11:30 AM Fireside Chat - Bioengineering for Biomining: On the Earth and Beyond
- 12:00 PM **LUNCH**
- 1:00 PM Fireside Chat - Engineering a Successful IP Strategy
- 1:30 PM Panel - A Boost for Innovation: The Role of Canada's Colleges in the Biorevolution
- 2:30 PM Keynote - Neal Sondheimer, Synlogic
- 3:15 PM Awards and Closing Ceremony



For more information about each session, please visit our website www.CanadaSynBio.ca

SPEAKERS



Aryé Eifenbein
Co-founder, Wildtype
Wednesday, June 14,
at 9:45 AM



Pamela Silver
Professor, Harvard
University
Tuesday, June 13,
at 6:30 PM



Jitin Bali
CSO, The Cultivated B
Wednesday, June 14,
at 9:15 AM



Neal Sondheimer
Medical Director,
Synlogic
Thursday, June 15,
at 2:30 PM



Bettina Hamelin
President & CEO, Ontario
Genomics



Samuel Stimple
Field Application
Scientist, Twist
Bioscience
Tuesday, June 13,
at 6:15 PM

PREVIOUS CONFERENCES



Canada SynBio 2022



Canada SynBio 2020



Canada SynBio 2019



Canada SynBio 2018

OTHER SPEAKERS

- Adrian Simone, Bio-Brick Labs Inc.
- Aleksandra Pastrak, Providence Therapeutics
- Amanda Rochon, Fleming College
- Andrew Casey, BIOTECanada
- Andrew Chiappetta, Genecis BioIndustries Inc.
- Arnaud Cheuk, Génome Québec
- Beth Mason, Verschuren Centre
- Christina DeRoche, Canadore College Research Centre
- Danielle Rose, Ceragen
- David Charest, Genome British Columbia
- David Crisante, Genecis BioIndustries Inc.
- Dex Hsu, LCY Biosciences Inc.
- Eileen M. McMahon, Torys LLP.
- Elaine Corbett, Ontario Genomics
- Elizabeth Gray, Ontario Genomics
- Emily Farrar, Genuine Taste
- Evan Fraser, Arrell Food Institute
- Fei Luo, Liven Proteins
- Ines Holzbaur, AmorChem
- Isabelle Germain, Agri-Food Canada. Agriculture and Agri-Food Canada (AAFC)
- Jennifer Zechel, Loyalist College
- Jocelyn Wells, AIMA Laboratories Inc.
- Jonathan Labriola, Synakis
- Jordan Thomson, Ontario Genomics
- Julie Claycomb, University of Toronto
- Krishna Mahadevan, University of Toronto
- Kristin Tweel, Genome Atlantic
- Laszlo Radvanyi, Ontario Institute for Cancer Research (OICR)
- Lester Young, Genome Prairie
- Lynn J. Rothschild, NASA HQ Space Technology Mission Directorate (STMD)
- Mahzad Sharifahmadian, AvanceBio
- Margareta Dovgal, Resource Works
- Marilene Pavan, LanzaTech
- Marketa Evans, Colleges Ontario
- Mather Carscallen, Algae-C
- Maura Campbell, Ontario Bioscience Innovation Organization (OBIO)
- Megan J. Palmer, Ginkgo Bioworks
- Melanie Sharman Rowand, Torys LLP.
- Michael Dorrington, Ontario Genomics
- Michelle Bamji-Mirza, La Cité College
- Mike Borg, Index Biosystems
- Nicole LeBlanc, MetaCycler BioInnovations
- Nisha Sarveswaran, Kraken Sense
- Parimal Nathwani, TIAP
- Ralph Christian Delos Santos, BioFect Innovations
- Rob Annan, Genome Canada
- Ryan Philippe, Genome Canada
- Samantha Cheung, ALT TEX
- Stephen Chambers, IndieBio NY
- Steve Reaume, Lambton College
- Sue Coueslan, Natural Products Canada (NPC)
- Thanos Kritharis, Hilo Bio
- Tom Finn, Genome Alberta
- Vik Pandit, Phycus Biotechnologies Inc.
- Yafan Huang, Performance Plants Inc.



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		GenomeCanada	GenomeBritishColumbia	GenomeAlberta	GenomeQuebec	GenomePrairie	GenomeAtlantic



Post-conference Survey

Thanks for being a part of Canada SynBio 2023!

Please fill out our quick survey to tell us what you liked most about our event and where you think we can improve. Use the QR code and let us know!

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