

Inaugural

Alumni and Industry Day



Connect. Collaborate. Create Impact.

Friday, September 25, 2026

9 AM to 5 PM

Faculty Club, McGill University

3450 Rue McTavish, Montreal, QC

Presented by



McGill

Department of
Biomedical Engineering

Département de
génie biomédical

WELCOME NOTE



Welcome to **BME connect | Alumni and Industry Day 2026!**

We are pleased to welcome students, alumni, faculty, staff, entrepreneurs, industry leaders, and friends of the biomedical engineering community to this inaugural event, hosted by the Department of Biomedical Engineering at McGill University.

BME connect brings our community together to strengthen connections across biomedical engineering, healthcare, and innovation. Throughout the day, we hope you'll have the opportunity to hear from leaders with diverse experiences; explore pathways across academia, healthcare, entrepreneurship, and industry; and connect with others who share an interest in advancing biomedical engineering.

We are grateful to our keynote speakers, panelists, event partners, and sponsors for sharing their time, expertise, and support, and to everyone who contributed behind the scenes to make this event possible.

Thank you for being part of the inaugural BME connect | Alumni and Industry Day.

Yours sincerely,

The BME Connect Working Group

Ahmad Haidar | **BME Connect Chair**; Associate Professor, Department of Biomedical Engineering

Olivia Vaikla | **BME Connect Coordinator**; Program Officer, Department of Biomedical Engineering

Guojun Chen | Associate Professor, Department of Biomedical Engineering

André Tremblay | Vice President Agile Product Development, Resonetics

Phil Novosad | Principal AI Scientist, Roche

Benjamin Ringler | CEO and Co-founder, TissueTinker

Trang Q. Tran | Administrative Coordinator, Department of Biomedical Engineering

Roumaan Issemadar, Matheus de Carvalho | Student Affairs Administrator, Department of Biomedical Engineering

David Juncker | Chair, Department of Biomedical Engineering, McGill University

The Department of Biomedical Engineering extends its sincere thanks to the **Biological and Biomedical Engineering Student Society (BBMESS)** for their support and contributions throughout the day.



BBMESS
Biological and Biomedical Engineering
Student Society

PROGRAM



- **9:00 - 9:30 AM** | Registration & Breakfast
- **9:30 - 9:45 AM** | Opening Remarks
 - David Juncker, Chair, Department of Biomedical Engineering*
 - Keith Murai, Director, School of Biomedical Sciences*
- **9:45 - 10:30 AM** | Keynote Address
 - André Tremblay, Former Partner and Vice President - Agile Product Development, Resonetics (formerly Agile MV)*
- **10:30 - 10:45 AM** | Morning Coffee Break
 - Sponsored by Mitacs*
- **10:45 AM - 12:00 PM** | Alumni Panel I: Building a Career in BME & Industry
- **12:00 - 2:00 PM** | Lunch & Networking Showcase
- **2:00 - 3:00 PM** | Alumni Panel II: Early Career Pathways
- **3:00 - 3:15 PM** | Afternoon Break
- **3:15 - 4:00 PM** | Keynote Address
 - Frank Baylis, Co-executive Chairman, Baylis Medical Technologies*
- **4:00 - 4:15 PM** | Closing Remarks & Raffle
- **4:15 - 5:00 PM** | Networking Reception

SPONSORS



A special thank you to our event sponsors for helping make BME connect | Alumni and Industry Day possible

Ambassador Award



The Tremplin Consortium recognizes the evolving landscape of career outcomes for graduate students and postdocs, who may pursue diverse paths within and beyond academia. Through tailored training and activities in areas including knowledge mobilization, research management, industry careers, faculty careers, and precision medicine, the Consortium supports biomedical trainees as they navigate an increasingly diverse career landscape.



DNA to RNA (D2R) is a pioneering research initiative led by McGill University that's helping Canada lead the way in RNA-based medicine. Backed by a landmark \$165 million investment from the Government of Canada, along with support from Quebec and partners in philanthropy and industry, D2R has one ambitious goal: to turn genetic discoveries into real treatments that save lives.

D2R brings together top researchers, industry leaders, and communities to build the tools and platforms needed to make these therapies a reality—and to ensure they reach everyone who needs them, including groups that have historically been underserved.



Faculty of
Medicine and
Health Sciences

Through the
**Rose Wiselberg
Foundation**



The McGill Faculty of Medicine and Health Sciences unites science and humanism to train outstanding health professionals and scientists who together lead the discovery, innovation and care needed to improve the health of Quebecers and communities around the world.



In 1986, Gloria Baylis founded Baylis Medical with a vision to enhance access to care and better serve the needs of patients. Today, Baylis Medical Technologies carries forward her legacy by developing and commercializing innovative medical technologies that improve the lives of patients worldwide. Driven by a commitment to innovation and clinical impact, Baylis Medical Technologies develops advanced solutions that address evolving needs across healthcare.

Node Sponsors ○



Resonetics helps improve patient outcomes by partnering with medical device companies to bring innovative technologies to life. Through advanced manufacturing and engineering expertise, the company supports customers from early-stage development through high-volume production. Resonetics is committed to advancing MedTech innovation, developing the next generation of talent, and creating meaningful career opportunities.



Mitacs is a national, not-for-profit organization that has designed and delivered research and training programs in Canada for more than 25 years. Working with nearly 200 academic institutions and tens of thousands of partner organizations nationally and globally, Mitacs builds partnerships that support industrial and social innovation in Canada.

Contact McGill University's Mitacs Advisor, Emily Mannard (emannard@mitacs.ca) for more information.

SPEAKERS

André Tremblay, Former Partner and Vice President - Agile Product Development, Resonetics (formerly Agile MV)

Frank Baylis, Co-executive Chairman, Baylis Medical Technologies

Panelists

Alumni Panel I:

Joanna Rutkowski, Regulatory Affairs Manager, BML Health

Lidija Malic, Senior Research Officer, National Research Council of Canada

Neal Fahey, Executive Advisor - Partnerships, OROT Connected Health Incubator

Philip Novosad, Principal AI Scientist, Roche

Ryan Sanford, Manager AI Research, Teamworks

Alumni Panel II:

Benjamin Ringler, CEO and Co-Founder, TissueTinker Bio.

○ Mitacs Testimonial: **Letizia Marelllo**, Product Development Engineer, DayOne Technologies

Christian R. Moya-Garcia, CEO and Founder | Venture Manager, NEXT AI

Ethan Shak, Founder, MITRAS Medical Advisory

Serena Fett, Area Practice Consultant, Cartessa Aesthetics

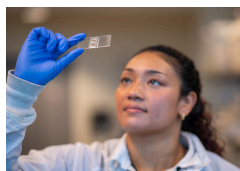
DEPARTMENT OF BIOMEDICAL ENGINEERING AT MCGILL



Biomedical Engineering (BME) integrates engineering, science, and medicine to develop technologies that improve human health and well-being. At McGill University, it serves as a hub linking biosciences and clinical medicine, enabling innovation from discovery to real-world healthcare impact. The department includes 14 core faculty and over 34 associate and adjunct members, supervising more than 200 trainees across McGill campuses and affiliated institutions such as the Montreal Neurological Institute and the Research Institute of the McGill University Health Centre.

Core BME Research & Innovation Areas

- **Devices & Sensors** – Biosensors & Lab-on-a-Chip, wearables, diagnostics, prosthetics & rehabilitation
- **Modelling & AI** – Signals & systems, digital health, machine learning
- **Imaging** – MRI, microscopy, image-guided surgery, image processing
- **Molecules & Materials** – Biomaterials, biointerfaces, nanomedicine
- **Living Systems Engineering** – Cell & tissue engineering, artificial cells & organs, organ- and body-on-a-chip systems, immuno-engineering, microbiome engineering



Department of Biomedical Engineering

Duff Medical Building
3775 University Street, Room 316



Website
<https://www.mcgill.ca/bme/>



LinkedIn
<https://www.linkedin.com/company/biomedical-engineering-mcgill-university>