



Engage, Build Connections, Generate Business Opportunities

The 37th MSB will take place July 11-14, 2021 in Boston and is currently planned as an In-Person Conference. Expert scientists are working to create an exciting forum where researchers from around the world will introduce, promote and discuss the latest innovative and sometimes controversial, but mostly unpublished, scientific research results related to all areas of microscale separations and bioanalysis.



Go to [MSB-Conferences.org](https://www.msb-conferences.org) for the latest news. To receive information about this symposium, please subscribe using the link below.

[Subscribe - click here](#)

The MSB Symposium Series promotes the discussion of fundamental and application-driven aspects of microscale separations and bioanalysis. The symposium program is comprised of thought-leaders and emerging scientists from both the academic and industrial communities who will discuss in depth the development and applications of microscale separations and bioanalysis. Microscale separations enable high-throughput and/or high-performance analyses at reduced costs and with a lower sample and solvents consumption, being therefore highly competitive analytical approaches in today's research, including fundamental research, drug discovery and development, clinical and forensic toxicology, food analysis, and -omics approaches.



Look for strong scientific program content, talks by dynamic world-renowned experts, vigorous scientific discussions between

participants with the support of committed and engaged session chairs, heavy focus on Q&A, panel discussion, and an abundance of networking opportunities to discuss and learn about solutions to the most pressing challenges of today and tomorrow.

[MSB-Conferences.org](https://www.msb-conferences.org)

The conference program covers aspects related to all major microscale separation techniques including capillary electrophoresis (CE), liquid chromatography (LC), microfluidics, mass spectrometry (MS), CE-MS, Lab-on-a-Chip devices the fundamental aspects of micro- and nanofluidics, microchip fabrication, portable devices, as well as applications related to pharmaceutical sciences, biotechnology, clinical diagnostics, forensic toxicology,



- The philosophy of the MSB symposia aims at encouraging the presentation and discussion of new, hot, sometimes controversial, but mostly unpublished results.

omics techniques (proteomics, metabolomics, etc.), food analysis, nanoparticles, industrial chemicals, and more!

- Oral presentations are time wise split in 2/3 talk and 1/3 discussion.
- Forum encourages vigorous scientific discussions between participants with the support of committed and engaged session chairs.

WHY ATTEND

- Are you looking for the best networking and marketing opportunities in this field? Then look no further than MSB 2021.
- Meet delegates from key international companies.
- Interact directly with senior scientists, department heads and key decision-makers who will discuss critical and emerging areas in all aspects of microscale separations and bioanalysis.

Topics include, but are not limited to, the following areas

- Advanced Instruments and Instrument Components
- Analysis of Bioactive Molecules
- Analysis of Pharmaceuticals and Chiral Compounds
- Biosensors: Design and Development
- CE-MS and Novel Detection Methods
- Clinical Chemistry and Point-of-Care Diagnostics
- Electrokinetic Mechanisms of Separation
- Environmental Analysis
- Food, Beverage, Nutrition and Health Measurements
- Forensic Analysis
- Fundamentals of Separations
- Microfluidic Systems Innovations
- Multifidimensional Methods in Separations
- Omics Methodologies
- Sample Preparation Methods

Spirit of the Symposium

- State-of-the-art science, cutting-edge technology
- A program based on over 70% submitted abstracts
- A double-blind peer review process ensuring cutting-edge science regardless of speaker reputation/seniority
- Extended discussion time for presentations
- Topic sessions chaired by leading researchers
- Presentations by young investigators and rising stars in microscale separations
- Poster sessions from which 3-minute talks are selected
- Student awards for best poster and oral presentations
- Science Café lunch seminars by vendors presenting advances and applications in commercial separation technology



Alexander R. Ivanov
SYMPOSIUM CHAIR
Associate Professor
Department of Chemistry and
Chemical Biology
Barnett Institute of Chemical
and Biological Analysis
Northeastern University
Boston, MA, USA
a.ivanov@northeastern.edu

Kimberly Hamad-
Schifferli
SYMPOSIUM CO-CHAIR
Associate Professor of
Engineering
College of Science and
Mathematics
UMass Boston
Boston, MA, USA
kim.hamad@umb.edu

Jarrod A. Marto
SYMPOSIUM CO-CHAIR
Associate Professor
Dana-Farber Cancer Institute
Brigham and Women's Hospital
Harvard Medical School
Boston, MA, USA
jarrod_marto@dfci.harvard.edu

The MSB 2021 conference is held under the auspices of the Society for Microscale Separations and Bioanalysis that serves a community of researchers from around the world who work in a large diversity of fields that focus on the development or applications of microscale separation techniques. The MSB 2021 conference will be held as an In-Person Conference, or virtual format if warranted.

For more information, please contact:

Janet Cunningham, MSB 2021 Symposium Manager
Barr Enterprises, 301-668-6001, janet@barrconferences.com

Shannon Cunningham, MSB 2021 Symposium Coordinator
Barr Enterprises, shannon@barrconferences.com

