Abstracts for Oral and Poster Presentation
*** Due April 30, 2021 ***
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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from around the world will introduce, promote and discuss the latest innovative and sometimes controversial, but mostly unpublished, scientific research results related to all areas of microscale separations and bioanalysis.

Meet Our Plenary Speakers

- Amy E. Herr
  University of California, Berkeley
- Luke P. Lee
  Harvard Medical School, Brigham Women's Hospital
- Matthias Mann
  Max-Planck Institute of Biochemistry
- Mehmet Toner
  Mass. General Hospital & Harvard Medical School
- John Yates
  The Scripps Research Institute

Engaging Scientific Sessions

- Analysis of Pharmaceutical Proteins and New Modalities of Biopharmaceuticals
- New Developments in Omics Technologies
- Microfluidic Chip-based Electrophoresis: Fundamentals and Novel Applications
- Single-Cell Analysis
- Biomarker Discovery and Validation
- Microscale Techniques in Biopharmaceutical R&D
- Innovations in Microfluidic Systems
- Fundamentals of Microscale Separation Techniques
- Multidimensional Methods in Separations
- Single-Particle Assays: Single Molecules to Single Cells
- Advancements in Miniaturized Sample Preparation Techniques
- Novel Informatics and Software Approaches for Enabling Bioseparations and Microanalysis
- Glycomic and (Glyco)Proteomic Applications to Address Unsolved Biomedical Questions
- Microscale Techniques in Forensic Analysis
- Advancements in Ion Mobility Spectrometry and Gas Phase Separation-based Analytical Techniques
- Micro-Analytical Systems for Point-of-Care Disease Diagnosis
- Biosensors and Bioaffinity Assays: Design and Development
- Analysis of the Microbiome
- New Applications and Developments in Electrodialysis Separations
- Advanced Instruments and Instrument Components
- Nanoproteomics Technologies
- Green Techniques for Microscale Sample Preparation and Analysis
- Innovation in Microfluidics, Point-of-Care Devices, Precision Medicine
- Novel and Advanced Approaches and Hardware Solutions for Enabling Microscale Biopreparations and Microanalysis
- Microsampling and Microscale Sample Preparation Techniques
- Biosensors and Actuators: Instruments, Components and Applications

Confirmed Keynote Speakers

- Jose Almirall
- Erin Baker
- Fernando Benavente
- Moran Bercovici
- Jonathan Bones
- Christoph Borchers
- Christine Carapito
- Yi Chen
- Chao-Min Cheng
- Dionysios Christodouleas
- Doo Soo Chung
- A. Sloan Devlin
- Noritada Kaji
- Ryan Kelly
- Katherine Klinger
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- Brian Swiate
- Albert Sickmann
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The e-MSB 2021 conference is held under the auspices of the Society for Microscale Separations and Bioanalysis that serve 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. MSB-Society.org