



This is a PDF-copy of the 5th Announcement MSB 2019

March 5, 2019

Dear Reader,

***Join us in Corvallis Oregon for the latest developments in microscale separations and bioanalysis!***

## **[ORAL PROGRAM FOR MSB 2019 IS ON-LINE](#)**

Join us **March 25-28, 2019** for **MSB 2019** on the campus of Oregon State University in the beautiful Willamette Valley of Oregon in the USA. The **unique features** of **MSB 2019** are not to be missed. **Register now!**

## **[PRESENT A POSTER AT MSB 2019](#)**

Poster presentations are an integral part of the MSB program. All posters will be up during the entire symposium. Sessions dedicated to poster judging will take place Tuesday and Wednesday. All posters are eligible for awards ranging from cash prizes to book vouchers and journal subscriptions. Ten poster submissions will be invited to give 5-min oral poster-pitches prior to the dedicated poster sessions.

Abstracts for poster presentations to be included in the Program Book will be accepted until March 18, 2019. Click **here** for [Abstract Requirements and Abstract Submission](#).

## **[TAKE A SHORT COURSE AT MSB 2019](#)**

Four informative 2-hr short courses led by experienced, leading instructors in the fields of microseparations and electron microscopy will be offered at MSB 2019. These learning opportunities are available for only \$50 each when two courses are chosen. Registration for short courses will remain open until **March 18, 2019**. Click **here** for [Short Course Information and Registration](#).

## Confirmed Plenary Speakers:



**Aaron R. Wheeler**

Professor of Chemistry and Canada Research Chair in Microfluidic Bioanalysis  
University of Toronto

**Recipient of the 2019 SCIEX Microscale Separations Innovations Medal and Award**

Title: **Portable Digital Microfluidic Assays: From Bench to Field**



**Norman J. Dovichi**

Grace-Rupley Professor of Chemistry and Biochemistry,  
University of Notre Dame

Title: **Capillary Electrophoresis Improves Metagenomic Analysis of an Environmental Microbiome**



**James P. Landers**

Professor of Chemistry, Professor of Mechanical Engineering and Associate Professor of Pathology,  
University of Virginia

Title: **DNA FORENSICS at the Intersection of Bioseparations, Engineering and Molecular Biology**



**Susan Lunte**

Ralph N. Adams Distinguished Professor of Chemistry and Pharmaceutical Chemistry  
University of Kansas

Title: **Applications of Microchip Electrophoresis to Cell Analysis and in vivo Monitoring**



**Richard N. Zare**

Professor of Chemistry and Marguerite Blake Wilbur Professor in Natural Science  
Stanford University

Title: **Microdroplet Chemistry**

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## Confirmed Keynote Speakers

Session Title	Keynote Speaker	Session Chair
Advanced -Omics Approaches: Extracting More Information Using Less (Sample, Time,...)	Peter Nemes, University of Maryland	Rawi Ramautar, Leiden University
Analysis of Pharmaceuticals & Chiral Compounds	M. Farooq Wahab, University of Texas at Arlington	Apryll Stalcup, Dublin City University
Novel Detection Methods for Microseparations	Igor Lednev, University at Albany - SUNY	Amanda Haes, University of Iowa
Role of Sample Preparation in ChemBioAnalysis: Beating GIGO (Garbage in - Garbage out)	Delphi Chatterjee, Colorado State University	Marc Porter, University of Utah
Preclinical and Clinical Bioanalysis	Russell Grant, VP R&D, Lab Corp of America	Kevin Schug, University of Texas Arlington
Advances in Instrumentation, Design, and Applications of Biosensors	Adam T. Wooley, Brigham Young University	José Alberto Fracassi da Silva, Universidade Estadual de Campinas
Microscale Systems for Human and Environmental Health Measurements	Frédérique Deiss, Indiana University - Purdue University Indianapolis	Charles Henry, Colorado State University
Dielectrophoresis and Cell Sorting	Lisa Flanagan, University of California Irvine	Mark Hayes, Arizona State University
Developments and Applications in Electrokinetic Separations	Hervé Cottet, Université de Montpellier 2	Christopher Palmer, University of Montana
Innovations in Microseparations: Unique Mechanisms of Transport and Fluid Control	Linda McGown, Rensselaer Institute of Technology	Lisa Holland, West Virginia University
Microscale Separations in Analysis of Intact Proteins and Protein Complexes	Michael Ramsey, University of North Carolina at Chapel Hill	Alexander Ivanov, Northeastern University
Microfluidic Systems Innovations	Elaine Fu, Oregon State University Chemical Engineering	Vince Remcho, Oregon State University
Biopharmaceutical and Biomolecule Analysis	Govert Somsen, Vrije University Amsterdam	Myriam Taverna, Université Paris Sud
Applications in Forensic Sciences and Food-Beverage-Nutrition Analyses	Michael Breadmore, University of Tasmania	Isabelle Kohler, Leiden University
Bioanalytical Devices for Precision Health Applications	Barry Lutz, University of Washington Bioengineering	Elaine Fu, Oregon State University
Electrochemical Microanalytical Devices	Kwanwoo Shin, Sogang University, Korea	Nadnudda Rodthongkum, Chulalongkorn University, Bangkok
Multidimensional Separations	Emily Hilder, University of Tasmania	Michael Breadmore, University of Tasmania
CE-MS; Advances and Applications	David Chen, University of British Columbia	Karen Waldron, University of Montreal

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## Key Dates:

<b>18 March 2019</b>	Deadline for Poster Abstract Submission for Inclusion in Program Booklet
<b>18 March 2019</b>	Deadline for Registration for Short Courses
<b>25 March 2019</b>	Symposium starts

Check [our website](#) frequently for the latest news or [subscribe now](#) to our newsletter to receive additional MSB2019 announcements. Please direct all inquiries about registration and facilities to: **OSU Conference Services**.

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## Symposium Chairs



**Vince Remcho, Ph.D.**  
MSB 2019 Symposium Chair  
Professor of Chemistry & Materials Science  
Patricia Valian Reser Faculty Scholar  
UHC Eminent Professor  
Oregon State University, 153 Gilbert Hall  
Corvallis, OR 97331, USA



**Karen Waldron, Ph.D.**  
MSB 2019 Symposium Co-Chair  
Professor, Department of Chemistry  
Laboratoire de microséparations analytiques  
Université de Montréal, C.P. 2168, succ. Centre-ville  
Montréal, QC H3C 3J7, CANADA

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