



# International Conference **MICROBIOME ENGINEERING**

Joseph B. Martin Conference Center  
Boston, MA • November 4-6, 2018

The Society for Biological Engineering (SBE) invites you to participate in the **International Conference on Microbiome Engineering (ICME 2018)**, **November 4-6, 2018 in Boston, MA**. ICME 2018 explores important applications of microbiome engineering, bringing together experts from industry and academia worldwide to discuss the challenges in microbiome engineering and the future of the field. Speakers include:

#### KEYNOTE SPEAKERS

- Elhanan Borenstein, *University of Washington*
- Pamela Silver, *Harvard Medical School*

#### INVITED SPEAKERS

- Cynthia Collins, *Rensselaer Polytechnic Institute*
- Arolyn Conwill, *Massachusetts Institute of Technology*
- Claire Duvallet, *Massachusetts Institute of Technology*
- Almut Heinken, *University of Luxembourg*
- Tami Lieberman, *Massachusetts Institute of Technology*
- Michelle O'Malley, *University of California Santa Barbara*
- Paul Miller, *Synlogic*
- Harris Wang, *Columbia University*

#### SESSIONS

- Engineering of the organism and tools to manipulate it
- Engineering and modeling of microbial communities
- From genome-scale to community-scale models
- Computational models for design
- The role of engineers in the microbiome field [Panel Discussion]
  - Vanni Bucci, *University of Massachusetts Dartmouth*
  - Timothy Lu, *Massachusetts Institute of Technology*
  - Costas Maranas, *Pennsylvania State University*
  - Bernat Olle, *Vedanta Biosciences*
  - Ophelia Venturelli, *University of Wisconsin-Madison*



**Submit Your Abstracts by September 14, 2018.**  
**[www.aiche.org/microbiome](http://www.aiche.org/microbiome)**

#### CONFERENCE CHAIRS

- Vanni Bucci  
*University of Massachusetts  
Dartmouth*
- Stephanie Culler  
*Persephone Biome*
- Timothy Lu  
*Massachusetts Institute  
of Technology*
- Bernat Olle  
*Vedanta Biosciences*

#### ORGANIZING COMMITTEE

- Elhanan Borenstein  
*University of Washington*
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of Technology*
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*Massachusetts Institute  
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*University of Wisconsin-Madison*

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