

# EMBS Micro and Nanoengineering in Medicine Conference

TRANSLATING TECHNOLOGY FROM THE BENCH TO THE BEDSIDE



**(MNM 2016)**  
**12-16 December 2016**  
**Waikoloa, Hawaii**



## CALL FOR PAPERS

Biomedical grand challenges facing our society can be addressed at the scale of biology with Micro and Nanoscale technologies. These technologies hold great potential for diagnostics, therapeutics, enhancement of physiological function, disease management, or early monitoring and prevention. IEEE EMBS is sponsoring the third biennial Conference on Micro and Nanotechnology in Medicine to foster interaction between scientists, engineers, entrepreneurs and medical researchers in the context of real-world medical needs and issues. The Conference will promote vigorous and open dialogue towards groundbreaking solutions to previously unaddressed problems and cutting edge technologies for faster, more quantitative, and less expensive biomedical solutions using advances in Micro and Nanotechnology.

### Keynote Speakers



**Jim Heath**  
(Caltech)



**Donald Ingber**  
(Wyss Institute,  
Harvard)



**Suzie Pun**  
(University of  
Washington)



**David Walt**  
(Tufts University)



**David Weitz**  
(Harvard)

### Invited Speakers

**Adam Abate** (Univ of California, San Francisco)  
**Bill Antwerp** (retired, Minimed/Medtronic)  
**Rashid Bashir** (Univ of Illinois Urbana-Champaign)  
**Elias Caro** (Coulter Foundation)  
**Eyal Dassau** (Harvard Artificial Pancreas Project)  
**Cees Dekker** (TU Delft)  
**David Eddington** (Univ of Illinois, Chicago)  
**Geraldine Hamilton** (Emulate)  
**Amy Herr** (Univ California, Berkeley)  
**Dean Ho** (Univ California, Los Angeles)  
**Darrell Irvine** (MIT)  
**Shana Kelley** (Univ of Toronto)  
**Ali Khademhosseini** (Harvard-MIT)  
**Ayub Khattak** (Cue Inc.)  
**Michelle Khine** (Univ of California, Irvine)  
**Sunghoon Kwon** (Seoul National Univ)  
**Brian Paegel** (Scripps)  
**Hemai Parthasarathy** (Breakout Labs)  
**Sumita Pennathur** (Univ of California, Santa Barbara)  
**Tom Soh** (Stanford)  
**Jesus Soriano** (National Science Foundation)  
**Shoji Takeuchi** (Univ Tokyo)  
**DA Wallach** (Recording Artist and Entrepreneur)  
**Aaron Wheeler** (Univ of Toronto)  
**Grace Zhang** (George Washington Univ)  
**Weian Zhao** (Univ of California, Irvine)

### Poster Submission Instructions

Poster submissions are now being accepted. Please download the template <http://mnm.embs.org/2016/poster-submission-instructions/> for abstract details, and send submissions to [mnm2016embs@gmail.com](mailto:mnm2016embs@gmail.com)

Authors should choose from one of following topics:

1. Point-of-Care
2. BioFabrication and Rapid Manufacturing
3. Continuous Glucose Monitoring
4. Diagnosing and Treating Blood Stream Infections
5. Drug Discovery
6. Augmenting Physiology
7. Cancer Micro & Nanotechnology
8. Implantable and Wearable Sensors
9. Beyond Sequencing
10. Other

### Important Dates

Paper Submission Opens **4/25/2016**  
Paper Submission Deadline **8/22/2016**  
Notification of Acceptances **10/10/2016**  
Final Submissions Due **10/21/2016**

### Organizers

#### Conference Chairs

Dino DiCarlo, University of California, Los Angeles  
Elliot Hui, University of California, Irvine

#### EMB Executive Office

Jessica Lotito, CMP