

NATIONAL MATERIALS AND MANUFACTURING BOARD

Roundtable on Biomedical Engineering Materials and Applications

Agenda

The National Academies
Keck Center
500 5th. Street NW, Washington, DC 20001
Room 208
November 11, 2019

"Where Destiny Leads: Important Contemporary Biomaterials Research and Translation from the Labs of BEMA Colleagues."

Sunday, November 10

Working Dinner (Chop House Restaurant, 509 7th St., NW. Washington D.C.
Seating @ 6:00 p.m.)

After Dinner Talk:

Barbara Boyan, Virginia Commonwealth University
"Driving Commercializable Medical Device Development Using Lessons from Classical Cell Biology"

Monday, November 11

8:00 a.m.	Breakfast
8:30 a.m.	Welcome and Introductions Becky Bergman, Art Coury, BEMA Co-Chairs
8:40 a.m.	Mark Boden, Boston Scientific Corporation "Recent Findings; Materials in Medical Devices at Boston Scientific"
9:30 a.m.	Kam Leong, Columbia University "What Can the Opposite of Gene Delivery Accomplish?"
10:20 a.m.	Break
10:35 a.m.	Richard Bianco, University of Minnesota, Minneapolis "Predicting human safety of implantable devices; state of the art"
11:25 p.m.	Mark Breyen, Medtronic, Inc. "TDB"
12:15 a.m.	Lunch

- 1:10 p.m. Phillip LeDuc, Carnegie Mellon University
“Nature's Unifying Theories and How They Can Be Used for Good”
- 2:00 p.m. Matthew Di Prima, FDA
“FDA Efforts in Advancing Corrosion Testing of Medical Devices”
- 2:50 p.m. Break
- 3:10 p.m. Robert DiLuccio, Mallinckrodt Pharmaceuticals
“Evaluation of Taurolidine as an Antimicrobial for Implantable Medical Devices”
- 4:00 p.m. Future Meeting Planning
- 5:00 p.m. Adjourn