2018 SFB ANNUAL MEETING HIGHLIGHTS

2018 KEYNOTE SPEAKER
MEHDI RAZAVI, MD
INNOVATIONS IN CARDIAC CARE: A CLINICIAN’S ROLE
Dr. Mehdi Razavi is Director of Electrophysiology Clinical Research and Innovation at the Texas Heart Institute. He attended medical school at the Medical College of Pennsylvania. He completed his residency, cardiology fellowship, and electrophysiology fellowship at the Mayo Clinic in Rochester, Minnesota. He is an Associate Professor of Medicine at Baylor College of Medicine and is also an Adjunct Associate Professor at Rice University, Houston. He has over 20 patents to his name and currently has grant funding from the American Heart Association in collaboration with Rice University to study carbon nanotube fibers to improve function of diseased myocardium. He has several ongoing collaborations with Rice University, Texas A&M University, University of Houston and UCLA. He has founded multiple medical device startups including Saranas and Nanolinea and continues to pursue improvements in pacing technology and cardiac care.

2018 AWARD WINNERS

FOUNDERS AWARD
Thomas Horbett, PhD, University of Washington
Awardee Address: Adsorption and Bioactivity of Adhesion Pproteins: The Molecular Basis of Bodily Reaction to Foreign Materials
Friday, April 13, 2018
Plenary Session II, 8:00 am – 10:00 am
Salon Ballroom

FOUNDERS AWARD
Andreas F. Von Recum, PhD, Ohio State University
Being awarded in absentia.

C. WILLIAM HALL AWARD
Michael D. Wolf, MS, Medtronic, Inc
Friday, April 13, 2018
SFB Business Meeting, 5:15 pm – 6:15 pm
Salon Ballroom

TECHNOLOGY, INNOVATION & DEVELOPMENT AWARD
Harold Alexander, PhD, Orthogen
Awardee Address: Research, Development, and Commercialization of a Tissue Engineered Dental Implant Surface
Friday, April 13, 2018
Plenary Session II, 8:00 am – 10:00 am
Salon Ballroom

John Ricci, PhD, New York University
Awardee Address: Research, Development, and Commercialization of a Tissue Engineered Dental Implant Surface
Friday, April 13, 2018
Plenary Session II, 8:00 am – 10:00 am
Salon Ballroom

SOCIETY FOR BIOMATERIALS AWARD FOR SERVICE
Howard Winet, PhD
Friday, April 13, 2018
SFB Business Meeting, 5:15 pm – 6:15 pm
Salon Ballroom
2018 AWARD WINNERS (CONTINUED)

CLEMSON AWARD FOR APPLIED RESEARCH
Mark W. Grinstaff, PhD, Boston University
Awardee Address: Clinically Informed Biomaterials: Chemistry and Engineering
Thursday, April 12, 2018
Plenary Session I
8:00 am – 10:00 am
Salon Ballroom

CLEMSON AWARD FOR BASIC RESEARCH
Jason A. Burdick, PhD, University of Pennsylvania
Awardee Address: Engineering Hydrogel Properties through Macromer Design
Thursday, April 12, 2018
Plenary Session I
8:00 am – 10:00 am
Salon Ballroom

CLEMSON AWARD FOR CONTRIBUTIONS TO LITERATURE
J. Paul Santerre, PhD, University of Toronto
Awardee Address: From cardiac failure to de novo vascularization of engineered tissue-Innovations in polyurethane biomaterials
Thursday, April 12, 2018
Plenary Session I
8:00 am – 10:00 am
Salon Ballroom

ACTA BIOMATERIALIA GOLD MEDAL
Jeff Hubbell, PhD
University of Chicago, Institute for Molecular Engineering
Awardee Address: Glycomaterials for Engineering Immunity and Tolerance
Saturday, April 14, 2018
Plenary Session III
Salon Ballroom
8:00 am – 10:00 am

ACTA BIOMATERIALIA SILVER MEDAL
Ali Khademhosseini, PhD
University of California, Los Angeles
Awardee Address: Recreating Human Physiology on a Chip: A Tale of Microreactors, 3D Printed Tissues and Real-Time Biosensors
Saturday, April 14, 2018
Plenary Session III
Salon Ballroom
8:00 am – 10:00 am
2018 AWARD WINNERS (CONTINUED)

YOUNG INVESTIGATOR AWARD

Susan Thomas, PhD,
Georgia Institute of Technology
Awardee Address: Engineered Biomaterials for Immunotherapeutic Drug Delivery
Friday, April 13, 2018
Plenary Session II
8:00 am – 10:00 am
Salon Ballroom

STUDENT AWARD FOR OUTSTANDING RESEARCH, PhD CANDIDATE

Alysha P. Kishan, Texas A&M University
Awardee Address: Development of Bi-Modal, in Situ Crosslinking Method to Achieve Multi-factor Release from Electrospun Gelatin
Wednesday, April 11, 2018
Drug Delivery: Tissue Engineering
4:35 pm - 4:40 pm

Leo L. Wang, University of Pennsylvania
Awardee Address: Injectable, MMP-responsive Hydrogels for On-demand siRNA Delivery after Myocardial Infarction
Thursday, April 12, 2018
Biomaterial Technologies for Precision Medicine
10:30 am - 12:15 pm 204/205

STUDENT AWARD FOR OUTSTANDING RESEARCH, UNDERGRADUATE

Justin X. Zhong,
University of Texas at Austin
Awardee Address: Poster 841 Tunable Poly((methacrylic acid)-co-acrylamide) Nanoparticles through Inverse Emulsion Polymerization

C. WILLIAM HALL SCHOLARSHIP

Jenna Mosier - Mississippi State University

CATO T. LAURENCIN TRAVEL FELLOWSHIP

Mary Omotoso - North Carolina A & T State University

Timothy Mason - University of Connecticut