

Annual Meeting Highlights

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2023 KEYNOTE SPEAKER Dr. Amarpreet Singh Sawhney, Incept LLC

Dr. Amarpreet Sawhney is the CEO of Instylla, a company focused on embolic therapies for hypervascular tumors and control of hemorrhage, of Rejoni, a company developing products for preventing intrauterine scar formation, and of Pramand LLC, a company focused on developing biosurgery products. He was previously the Founder and CEO of Ocular Therapeutix, Augmenix, Confluent Surgical, and the technology founder of Focal and Access Closure. Amar's innovations are the subject of over 120 issued and pending patents in biomaterials and bio-surgery. His inventions include several "first of a kind" surgical sealants, spacers, and drugs to be approved by the FDA including ReSure Sealant and Dextenza for ophthalmology, DuraSeal for neurosurgery, FocalSeal for Lung surgery, Mynx for femoral puncture sealing, and SpaceOAR for prostate cancer radiotherapy. Amar and his partner Fred Khosravi have created Incept LLC, which provides a platform to support other healthcare entrepreneurs. Amar has been recognized by several awards including being named the "Champion of Change" by the Whitehouse and "Outstanding American by Choice" by the US Citizenship and Immigration Service. His companies and inventions have touched over 5 million patients and have created over 4000 jobs to date. He is a member of the National Academy of Sciences and a fellow of the American Institutes of Biomedical Engg. Amar holds an M.S. and a Ph.D. in Chemical Engineering from the University of Texas at Austin and a B. Tech. in Chemical Engineering from the Indian Institute of Technology, New Delhi.

2023 Award Winners



Founders Award

Andrés J. García, PhD, FBSE, Georgia Institute of Technology
Awardee Address: Thursday, April 20, 2023 Plenary Session I, 8:00 AM – 10:15 AM



Mid Career Awards

Ngan F. Huang, PhD, Stanford University
Awardee Address: Thursday, April 20, 2023 Plenary Session I, 8:00 AM – 10:15 AM



Technology, Innovation and Development Award

Ali Khademhosseini, PhD, Terasaki Institute for Biomedical Innovation
Awardee Address: Thursday, April 20, 2023 Plenary Session I, 8:00 AM – 10:15 AM



Young Investigator Award

Eric A. Appel, PhD, Stanford University
Awardee Address: Thursday, April 20, 2023 Plenary Session I, 8:00 AM – 10:15 AM



Diversity, Equity, & Inclusion (DEI) Award

Cato T. Laurencin, MD, PhD, University of Connecticut Health Science Center
Awardee Address: Thursday, April 20, 2023 Plenary Session I, 8:00 AM – 10:15 AM



Clemson Award for Applied Research

William L. Murphy, PhD, University of Wisconsin-Madison
Awardee Address: Friday, April 21, 2023, Plenary Session II, 8:00 AM – 9:30 AM



Clemson Award for Basic Research

Krishnendu Roy, PhD, Georgia Institute of Technology
Awardee Address: Friday, April 21, 2023, Plenary Session II, 8:00 AM – 9:30 AM



Clemson Award for Contributions to Literature

Johnna S. Temenoff, PhD, Georgia Institute of Technology
Awardee Address: Friday, April 21, 2023, Plenary Session II, 8:00 AM – 9:30 AM



2023 Award Winners

CONTINUED



Society For Biomaterials Award for Service

Arthur J. Coury, PhD, Northeastern University

Award Recognition: Friday, April 21, 2023, Annual Business Meeting, 5:00 PM – 6:00 PM



C. William Hall Award

G. Lawrence Thatcher, TESco Associates, Inc.

Award Recognition: Friday, April 21, 2023, Annual Business Meeting, 5:00 PM – 6:00 PM



Acta Biomaterialia Gold Medal

Clemens van Blitterswijk, PhD, Professor Emeritus, Maastricht University

Awardee Address: Saturday, April 22, 2023, Plenary Session IV, 8:00 AM – 10:00 AM



Acta Biomaterialia Silver Medal

Giovanni Traverso, MD, PhD, MBBCH, Massachusetts Institute of Technology

Awardee Address: Saturday, April 22, 2023, Plenary Session IV, 8:00 AM – 10:00 AM

Student Awards for Outstanding Research

PhD Candidate Category



Hannah A. Pearce, PhD, Rice University

POSTER #1129: "Thermogelling Hydrogel Charge and LCST Influence Cellular Infiltration and Tissue Integration in an Ex Vivo Cartilage Explant Model"



Maryam Ramezani, PhD, Syracuse University

Thursday, April 20, 2023, 10:45 – 11:00 AM, Smart Biomaterials, "Enzymatically-Responsive Shape Memory Polymers for Infection Surveillance and Biofilm Removal in Chronic Wounds"

Undergraduate Category



Blake Kuzemchak, University of Maryland

POSTER #3025: "3D Printable Phantom for Mimicking Electrical Properties of Dermal Tissue"



C. William Hall Scholarship

Erfan Jabari, University of Maryland, College Park



Cato T. Laurencin, MD, PhD Travel Fellowship

Saron Ghebrezadik, Agnes Scott College

POSTER #2015: "In-situ Photocrosslinked PEG Microgels as Delivery Platform for Human Mesenchymal Stem Cells"



Mackenzie Long, North Carolina A&T University

POSTER #2104: "Fabrication and Analysis of the Mechanical Properties of Polycaprolactone-Zinc Nanofibers for Biomedical Applications"