

APPLICATIONS OF ENGINEERING IN MEDICINE AND BIOLOGY

March 3

ERKİN ŞEKER, Ph.D.

Associate Professor & Graduate Program Chair
Department of Electrical and Computer Engineering
University of California Davis
**Nanoporous Gold: From an Ancient Material to
Biomedical Devices**



March 17

MELTEM ELİTAŞ, Ph.D.

Associate Professor
Mechatronics Program Sabancı University
Microfabricated Tools for Quantitative Biology



March 31

CANAN DAĞDEVİREN, Ph.D.

Assistant Professor, Massachusetts Institute of Technology
LG Career Development Professor of Media Arts and
Sciences, Director of Conformable Decoders | MIT Media Lab
What is Conformable Decoding?



April 14

ARUL JAYARAMAN, Ph.D.

Professor, Chemical Engineering
Ray B. Nesbitt Endowed Chair
Department Head, Chemical Engineering
Presidential Impact Fellow
Affiliated Faculty, Biomedical Engineering
Texas A&M University
Microbial Tryptophan Metabolites and Gut Health



April 28

SUNITHA NAGRATH, Ph.D.

Associate Professor, Department of Chemical Engineering
University of Michigan Ann Arbor
**Enabling Technologies for Implementing Liquid Biopsy:
CTCs to EVs**



May 26

REBECCA SANDLIN, Ph.D.

Assistant Professor
Center for Engineering in Medicine and Surgery
Massachusetts General Hospital and Harvard Medical School
Biopreservation Technologies for Global Health



June 9

NUR MUSTAFAOĞLU, Ph.D.

Assistant Professor
Molecular Biology, Genetics and Bioengineering Program and
Mechatronics Program Sabancı University
Brain Targeting Systems



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