

BISB BOOTCAMP SUMMER SEMINAR SERIES

August 12th, 2021 | 12:00 PM PST – 1:00 PM PST

Zoom ID: 969 2714 6510
Password: binfobuds



DISCOVERY OF RNA ON CELL SURFACE AND ITS IMPACT ON CELL INTERACTION

Sheng Zhong, Ph.D.

Sheng Zhong is a Professor of Bioengineering at UC San Diego. He received an NIH Director's Pioneer Award, an NIH Catalyst Award in Diabetes, Endocrinology and Metabolic Diseases, an NIH Director's New Innovator Award, an NSF CAREER Award, and an Alfred Sloan Fellowship. He serves as the director for the organizational hub of the NIH-funded 4D Nucleome (4DN) Network. He leads a Human Cell Atlas (HCA) seed network and a Transformative Technology Development team for the Human BioMolecular Atlas Program (HuBMAP). Eight of his previous trainees are contributing to science on tenure-track faculty positions.



OVERVIEW OF DBMI RESEARCH AND MY OWN

Lucila Ohno-Machado, M.D., M.B.A., Ph.D.

Lucila Ohno-Machado received her medical degree from the University of São Paulo and her doctoral degree in medical information sciences and computer science from Stanford University. She is the founding chair of the UC San Diego Health Department of Biomedical Informatics, where she leads a group of faculty with diverse backgrounds in medicine, nursing, informatics, and computer science. She is also the Principal Investigator for the California Precision Medicine Consortium for the NIH All of Us Research Program, and is an elected member of the American College of Medical Informatics, the American Institute for Medical and Biological Engineering, the American Society for Clinical Investigation and the National Academy of Medicine. Her research focuses on privacy-preserving distributed analytics for healthcare and biomedical sciences and responsible data sharing.