



BME COVID-19 SEMINAR SERIES

Ngan Huang, PhD
Assistant Professor of Cardiothoracic Surgery Research
Stanford University



Date: Monday, October 26th, 2020

Time: 1:30 p.m.

Location: Virtual – Zoom

Faculty Host: Warren Grayson & Sharon Gerecht, PhD

Engineering the Microvasculature for Regenerative Medicine

Bio: Ngan F. Huang is an Assistant Professor in the Department of Cardiothoracic Surgery at Stanford University and Principal Investigator at the Veterans Affairs Palo Alto Health Care System. Dr. Huang completed her BS in Chemical Engineering from the Massachusetts Institute of Technology, followed by a PhD in bioengineering from the University of California Berkeley & University of California San Francisco Joint Program in Bioengineering. Prior to joining the faculty, she was a postdoctoral scholar in the Division of Cardiovascular Medicine at Stanford University. Her laboratory investigates the interactions between stem cells and extracellular matrix microenvironment for engineering cardiovascular tissues to treat cardiovascular and musculoskeletal diseases. Dr. Huang has authored over 70 publications and patents, including reports in Nat Med, PNAS, and Nano Lett. She has received numerous honors, including a NIH K99/R00 Career Development Award, Fellow of the American Heart Association, a Young Investigator award from the Society for Vascular Medicine, a Young Investigator Award from the Tissue Engineering and Regenerative Medicine International Society-Americas, and a Rising Star award at the Cell & Molecular Bioengineering conference. Her research is funded by the NIH, Department of Defense, California Institute of Regenerative Medicine, and Department of Veteran Affairs.