Biomaterials & Tissue Engineering II
Chair: Elizabeth Vargis, David Britt, Utah State University
Saturday, April 1, 2017
3:15 pm – 5:15 pm

3:15 pm
Vitamin E-coated hernia repair meshes for the mitigation of the oxidative stress
Dmitry Gil, Clemson University

3:35 pm
Decreased Macrophage Attachment on Biomimetic Surfaces
Ching-An Peng, University of Idaho

3:55 pm
Organ-on-a-chip for assessing environmental toxicants
Jeong-Yeol Yoon, University of Arizona

4:15 pm
Silicon nanowire synergize with electrical stimulation to promote ventricular maturation of hiPSC-derived cardiomyocytes
Ying Mei, Clemson University

4:35 pm
Sulfonated chitosan hydrogel to stabilize bone morphogenetic protein activity for enhanced osteogenesis
Soyon Kim, UCLA

4:55 pm
Understanding the Role of Chain Flexibility in Amyloid Protein Aggregation through Rationally Designed Protein Sequences
Melissa Moss, Zeb Vance, University of South Carolina