



Biosensors II

Chairs: Dusti McEwen, Anhong Zhou, Utah State University

Saturday, April 1, 2017

3:15 pm – 5:15 pm

3:15 pm

A Novel Isothermal Amplification and Detection System for Circulating microRNA

Nicholas Emery, University of Michigan

3:30 pm

Lectin Based SERS sensors

Agnes Ostafin, University of Utah

3:45 pm

Laser inscribed graphene sensors for point of use detection of Listeria monocytogenes

Nick Cavallaro, University of Florida

4:00 pm – 4:25 pm

BREAK

4:25 pm

Developing an Apparatus for the Treatment of Plantar Fasciitis

John McGreevey, Clemson University

4:40 pm

A probabilistic approach to model the dispersion state of large numbers of particles under field force

Yu Zhao, Clemson University