

UK College of Engineering Biomedical Research Day

Wednesday, March 25, 2015

Lexington Convention Center

Thoroughbred 1

Chair: David A. Puleo, PhD

Professor and Chair, Department of Biomedical Engineering
College of Engineering, University of Kentucky

1:30 - 2:30 pm: Keynote Address

“Engineering 3D Microenvironments for Regeneration”



Peter Ma, PhD

Richard H Kingery Endowed Collegiate Professor
Departments of Biologic and Materials Sciences (Dentistry),
Biomedical Engineering, and Materials Science and Engineering
University of Michigan

2:30 - 3:30 pm: Selected Research Presentations

“Selective Cellular Encapsulation for High Purity Cell Populations”

Brad Berron, PhD

Department of Chemical and Materials Engineering

“An Optical Intraocular Pressure Monitoring System for Improved Glaucoma Management”

Todd Hastings, PhD

Department of Electrical and Computer Engineering

“Near-infrared Diffuse Optical Spectroscopy and Tomography of Deep Tissue Hemodynamics and Metabolism”

Guoqiang Yu, PhD

Department of Biomedical Engineering

3:30 - 5:30 pm: Poster Session *(including student poster competition)*

In Conjunction with:

**UK Center for Clinical and Translational Science
10th Annual Spring Conference**



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