

BIOMEDICAL RESEARCH DAY

Monday, April 15, 2019 - Lexington Convention Center

Chair: Babak Bazrgari, PhD

10:00 - 11:45 am: **Student Presentations (THOROUGHBRED 3)**
Session Chair: Jonathan Wenk, PhD

"Noncontact 2D and 3D diffuse optical imaging of tissue blood flow distributions"

S. Mazdeyasna

"Alterations in Lumbo-Pelvic Coordination from the Application of a Hip Orthosis"

M. Gilliam

"Extraction of Heart Rate from Video of the Face"

D. Biswal

"Structure and Mechanical Properties of Streptococcus mutans by Atomic Force Microscopy"

J. N. Sandin

"Early Autism Spectrum Disorder Detection from Visual Attention Behavior"

S. Liaqat

"Reduced Cerebral Blood Flow in Aging Adults with Down Syndrome: An Arterial Spin Labeling Study"

S. W. Thalman

12:00 - 1:30 pm: **Lunch and CCTS Keynote (BLUEGRASS BALLROOM)**

1:45 - 3:15 pm: **Invited Speakers (PATTERSON BALLROOM B)**
Session Chair: Guigen Zhang, PhD



Keynote: "Imagine Heart Valves that Grow and Don't Wear"

Robert T. Tranquillo, PhD

Head of Department of Biomedical Engineering
University of Minnesota

"The heterogeneity of the aorta as a basis for aneurysms and dissection"

Alan Daugherty, PhD, DSc. Chair, Department of Physiology
University of Kentucky

3:30 - 5:30 pm: **Poster Session**
Session Chairs: Chong Huang, PhD and Yu Zhao, PhD

In conjunction with:

 Center for Clinical and
Translational Science

14th Annual Spring Conference

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