

24 CARDIOVASCULAR RESEARCH DAY

October 28, 2022 | Central Bank Center | Lexington, KY

Check In | Breakfast

8:30 am

Grand Ballrooms Prefuction

Scientific Session 1

9:00 am Welcome

9:05 am Rapid Fire
Presentations

Grand Ballroom 3

Gregory Graf, PhD

Associate Director

Saha Cardiovascular Research Center

Ezekiel Rozmus

Graduate Student

Delisle Lab

College of Medicine

University of Kentucky

Determining the functional significance of KCNH2 variants of uncertain significance identified in a large patient biobank

Velmurugan Gopal Viswanathan, PhD

Staff

Hubbard Lab

College of Medicine

University of Kentucky

LRP1 knockout cells are more resilient to oxidative stress induced mitochondrial dysfunction and cellular damage: implications for neurovascular dysfunction in traumatic brain injury

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**Rapid Fire Presentations,
continued**

Samantha Xu, MPH

Graduate Student

Shen Lab

Michael E. DeBakey Department of Surgery

Baylor College of Medicine

*Mitochondrial metabolism dynamics in sporadic aortic
aneurysms and acute dissections*

Mikala Zelows

Graduate Student

Graf and Helsley Labs

College of Pharmacy

University of Kentucky

*Carnitine palmitoyltransferase 1a
modulates sexually dimorphic nafld*

Daniëlle Coenen, PhD

Post Doc

Whiteheart Lab

College of Medicine

University of Kentucky

*Platelet secretion in wound healing: the essence of
appropriate endocytosis, biogenesis,
and delayed release of α -granules*



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**9:40 am Assistant Professor
Showcase Sponsored by the
Cardiovascular RPA**

Meredith Duncan, PhD

Biostatistics

College of Public Health

*Using secondary data analysis to decrease
Cardiovascular health disparities*

Robin Shoemaker, PhD

Dietetics and Human Nutrition

College of Agriculture, Food and Environment

*Serum profiles of the renin angiotensin aldosterone system (raas) in
healthy and hypertensive pregnancies*

Congqing Wu, PhD

Saha Cardiovascular Research Center

Department of Surgery

College of Medicine

*Extracellular histones trigger disseminated
intravascular coagulation by lytic cell death*

**10:20 am Gill Award for
Outstanding Contributions to
Cardiovascular Research**

Kathryn Moore, PhD

Jean and David Blechman Professor of Cardiology

Professor, Department of Cell Biology

New York University

Cardiovascular disease: impact beyond the heart

10:55 am 90 Second Poster Pitch

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Break

11:15 am

Poster Session A

11:30 am Poster Judging

All odd posters presented to judges with a 10-minute time limit

11:40 am Poster Presentations

Lunch

12:30 pm

Lunchtime Speaker

Break

1:25pm

Scientific Session 2

1:40 pm Trainee Presentations

Grand Ballrooms 2

Grand Ballrooms 1

Matt Devalaraja, DVM, PhD

University of Kentucky Alumnus

Founder, CEO

Nipuna Therapeutics

Entrepreneurism in science: a multidisciplinary effort to translate from bench to bedside

Grand Ballroom 3

Tyler W. Benson, PhD

Post Doc

Owens Lab

Heart, Lung and Vascular Disease Institute

University of Cincinnati

Glycoprotein VI Platelet Receptor Blockade

Attenuates Progression of Established

Abdominal Aortic Aneurysms in Murine Models

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**1:40 pm Trainee Presentations,
continued**

JungHee Kang, MPH, PhD

Post Doc

Moser Lab (IRCH Heart Program)

College of Nursing

University of Kentucky

Health literacy moderates the impact of a
cardiovascular disease risk reduction
intervention on diet quality among informal
rural caregivers of people with chronic illnesses

2:10 pm Early Career Gill Award

Scott Cameron, MD, PhD

Section Head, Vascular Medicine

Cleveland Clinic

*Thrombo-olfaction: curing arterial aneurysms
through platelet olfactory receptors.*

2:45 pm 90 Second Poster Pitch

Break

3:05

Poster Session B

Grand Ballrooms 2

3:20 pm Poster Judging

All even posters presented to judges with a
10-minute time limit.

3:30pm Poster Presentations

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Scientific Session 3

4:20 pm Alumni Speaker

Networking Reception

5:00 pm

Dinner and Awards Ceremony

6:00 pm

Grand Ballroom 3

Moriel Vandsburger, PhD

Associate Professor

Timothy and Karen Guertin Chair in

Bioengineering

University of California at Berkeley

Grand Ballroom Prefunction

Grand Ballrooms 1