In This Issue
- MCRI Highlights
- MCRI Announcements

MCRI in the News
Matters of the Heart
- Employee Spotlight
- Recent Publications

Upcoming MMS Talks
Stearns Auditorium, Farnsworth 1
12:00 PM

May 1, 2018
Ronglih, Liao, PhD
Brigham and Women’s Hospital

May 8, 2018
Rosanne Rouf, MD
Johns Hopkins University

May 15, 2018
Jeanne Nerbonne, PhD
Washington University, St. Louis

May 22, 2018
Masanori Aikawa, MD, PhD
Brigham and Women’s Hospital

Employee Spotlight

MCRI Highlights

Honors and Recognition
- **Gordon Huggins, MD** was the Co-Chair of a session on Genetic Testing for Cardiomyopathies at the American College of Cardiology Meeting.
- **Iris Jaffe, MD, PhD** was elected into the Association of University Cardiologists.
- **Kevin Morine, MD** and **Shiva Annamalai, MD**, in Dr. Kapur’s lab, were each selected as one of the top 40 science oral presenters for Cardiovascular Research Technologies (CRT) in Washington DC. Kevin’s talk was entitled “Congestive Profiles Correlate with Clinical Outcomes Among Patients Requiring Acute Mechanical Circulatory Support for Cardiogenic Shock” and Shiva’s talk was entitled “Uncoupling Cardio-renal Hemodynamics In Heart Failure: Effects Of An Intra-aortic Micro-axial Flow Pump In A Swine Model Of Ischemic Heart Failure.”
- **Michele Esposito**, in Dr. Kapur’s lab, was awarded second place in the Basic/Translational Science Young Investigator Award Competition at the ACC 2018 meeting.

Grants
- **Iris Jaffe** was awarded two new R01 subcontracts from the University of Missouri. She is a co-investigator on an R01 grant entitled “Mineralocorticoid receptor-dependent coronary vascular dysfunction in obesity” and co-Principal Investigator on an R01 grant entitled “Mechanisms for Sex Differences in CVD Pathology and Development of a Targeted Therapeutic.”

Faculty Appointments
Mary Wallingford, PhD was jointly recruited by the Mother Infant Research Institute (MIRI), where she holds a primary appointment and the Molecular Cardiology Research Institute (MCRI), where she holds a secondary appointment. The research focus in the Wallingford Lab is vascular development and pathophysiology of the least
Meet Lauren Biwer, PhD
Post-Doctoral Fellow in the Jaffe Lab

Hometown: Casa Grande, Arizona
(by way of Virginia, Texas and Iowa)

Favorite Boston Neighborhood: I imagine this is like trying to choose your favorite child, but I really like the architecture of the South End.

Favorite Boston Restaurant: Carmelina’s in the North End. Amazing food and service!

What are you currently working on in the MCRI?
Broadly, I am interested in the mechanisms of female cardiovascular disease and how risk factors (for example, obesity, hypertension, or preeclampsia) affect microvascular function. I am using several approaches including isolating human coronary microvascular arteries to look at differences in vasodilation between men and women with various CVD risk factors. I am also using mouse models of preeclampsia and diet-induced obesity to understand how vasodilation is detrimentally affected and what role the endothelial mineralocorticoid receptor plays in this process.

What do you like to do when you are not in the lab? Cook, travel, watch college football and read non-fiction.

Dr. Wallingford was trained in the field of mammalian embryonic development in the Mager Lab at the University of Massachusetts, Amherst. Her postdoctoral studies investigated the role of phosphate transporters in vascular development and disease in the Giachelli Lab at the University of Washington Seattle.

New Employees

Welcome to the following new staff members in the MCRI:
• Lija Swain, PhD recently joined the Kapur lab as a Post-Doctoral Research Fellow and is located on Tupper 13.
• Rachel Kenney recently joined the DuPont lab as a Research Assistant and is located on Tupper 12.

MCRI Announcements

Save the Date

• September 27th – September 28th: The 20th Annual MCRI Scientific Retreat in Woods Hole, MA

MCRI in the News

• Be sure to check out this article featuring Iris Jaffe, MD, PhD and Jennifer DuPont, PhD

Matters of the Heart: The Gender Difference
Have questions or updates for the next newsletter? Contact Chrissie Connors - cconnors@tuftsmedicalcenter.org

- MCRI Members braved some terrible commutes during Boston’s Blizzard Conditions. Jonas Galper’s commute was chronicled in the Boston Herald.

  Read the article here.

Website Updates

- You may have noticed our website is getting a facelift. If you have anything on your page you would like to add or update, please contact Chrissie Connors with the edit and the URL of the page at cconnors@tuftsmedicalcenter.org.

Recent Publications


  Pub Med Abstract


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