Announcements

11th Annual
Department of Medicine Research Day

Friday, October 26, 2018
8 a.m. - 5 p.m.
Cox Hall Ballroom

Keynote Speaker:
Vikas P. Sukhatme, MD, ScD
Dean, Emory University School of Medicine

Register Now for 2018 DOM Research Day! Friday, 10/26 from 8 a.m. to 5 p.m. in Cox Hall Ballroom featuring Vikas P. Sukhatme, MD, ScD as the keynote speaker. Interested in participating? Register | Agenda | Read more

Click here to submit an abstract- Deadline Monday, 8/20. Click here to be a poster judge.

Interested in updates for Institutional Animal Care and Use Committee (IACUC) software transition?
There are updates in protocol migration, phase-out of enterprise and elements software, amendments to enterprise and elements protocols, amendments and migrations after September 1, IACUC office protocol submission assistance/usage of the new solutions, and validation of staff training. Read more (PDF)
The Office for Human Research Protections (OHRP) announces availability of three draft guidance documents related to revised common rule.

The three draft guidance documents are: 1. Scholarly and journalistic activities deemed not to be Research: 2018 requirements 2. When continuing review is not required during the 6-month delay period of July 19, 2018 through January 20, 2019 3. Elimination of Institutional Review Board (IRB) review of research applications and proposals. Read more

Looking for the latest definition for terms relating to human subjects and clinical trials?
The Glossary of NIH terms now contains definitions for Ancillary Study, Child, Clinical Trial Research Experience, Independent Clinical Trial, and Older Adult. Read more

New “All about grants” podcast on NIH’s inclusion across the lifespan policy
Starting January 29, 2019, NIH will begin implementing the Inclusion Across the Lifespan policy, which requires the consideration of age, along with sex/gender and race/ethnicity, in applications that involve human participants. Read more

For any upcoming proposals for external funding in the next 90 days or other pre-award queries, DOM faculty are reminded to contact the DOM RAS pre-award team.

Highlighted Resource

Proposal Development and Grant Writing Support: Emory offers proposal development and grant-writing support to full-time faculty in the Department of Medicine. Support includes: 1. Restructuring and preparing an NIH K or similar career development award 2. General assistance with overall grant writing and critical feedback on a full application 3. Critical feedback preparing the introduction and structuring the A1 proposal for a grant resubmission 4. Strategy to make a strong case for a particular Request for Applications (RFA) 5. Large, multi centered or multi PI grants with several authors who need assistance in “writing with one voice” and overall feedback regarding internal consistency and responsiveness to the RFA. Read more

Funding & Award Opportunities
Pre-Application: Research Innovation for Scientific Knowledge (RISK) for skin and rheumatic diseases or musculoskeletal diseases (X02 clinical trial not allowed)
Deadline: Tuesday, 9/4 (LOI) This Funding Opportunity Award (FOA) is particularly designed to encourage the submission of projects that are considered too risky, premature, controversial, or unconventional for other NIH mechanisms. This FOA intends to support disease-focused translational studies. Rheumatic diseases OR Musculoskeletal diseases

Advancing Extracellular RNA (exRNA) communication research:Deadline: Friday, 9/23

- Improved isolation and analysis of exRNA-carrier subclasses (UG3/UH3 clinical trial not allowed) The goal of this FOA is to develop and evaluate innovative separation tools, technologies, and approaches that will enable the scientific community to rapidly and reproducibly sort complex biofluids into homogenous carrier populations of extracellular vesicles (EVs), (including EV subsets), ribonucleoproteins, and lipoproteins, and that also support high-throughput isolation and analysis of their extracellular RNA content and associated molecular cargo. Read more

- Towards single Extracellular Vesicle (EV) sorting, isolation, and analysis of cargo (UG3/UH3 clinical trial not allowed) The goal of this FOA is to develop and demonstrate innovative technologies and reagents towards isolating single EVs and to characterize the exRNA cargos associated with specific EV subpopulations based on cell of origin and their intended target cell. Read more
Council on Renal Nutrition research grant
**Deadline: Friday, 10/12** In keeping with the overall goals of the National Kidney Foundation (NKF) and its Council on Renal Nutrition (CRN), the purpose of the CRN Research Grants Program is to further knowledge of dietitian issues in the management of kidney disease. [Read more](#)

2019 American Academy of Allergy, Asthma, & Immunology (AAAAI)/ The Mastocytosis Society (TMS) research award
**Deadline: Monday, 10/15** The award supports research that will advance the understanding of mast cell disorders including mastocytosis and/or mast cell activation syndrome. [Read more](#)

New paradigms in tissue communication—from mediators to metabolic function (RC2 clinical trials optional)
**Deadline: Thursday, 11/1** This targeted FOA specifically seeks to generate scientific advancements that are focused on identifying new signals and regulatory networks that mediate metabolic cross talks within and between organs that play a role in the development of diabetes and obesity. [Read more](#)

Physical activity and weight control interventions among cancer survivors: Effects on biomarkers of prognosis and survival (R21, R01 clinical trial optional)
**Deadline: Standard Dates apply** The goal of this FOA is to stimulate transdisciplinary and translational research that will identify the specific biological or biobehavioral pathways through which physical activity and/or weight control (either weight loss or avoidance of weight gain) may affect cancer prognosis and survival. ([R21](#), [R01](#))

Elucidating the role of the autonomic nervous system in peripheral metabolism and metabolic disease through the application of novel tools and methodologies (RC2 clinical trial optional)
**Deadline: Thursday, 11/1** This targeted FOA specifically seeks to generate scientific advancements addressing the role of the autonomic nervous system in the regulation of peripheral metabolism and its role in diabetes, obesity and related metabolic disease. Interdisciplinary teams may propose to develop resources in the form of novel tools or methodologies that when applied to the autonomic nervous system will contribute to elucidating its functional role in metabolism. [Read more](#)

Clinical trial on effects of statins in older adults without clinical cardiovascular disease (U19 clinical trial required)
**Deadline: Friday, 11/16 (LOI)** The purpose of this FOA The listed ICs invite applications for a seven-year pragmatic trial from a network or consortium of health care delivery systems (HCS), which together cover most of the geographic regions of the United States, and a data
coordinating center to assess the overall risks and benefits of statins in adults 75 years of age and older without clinical cardiovascular disease. Read more

Congratulatory Corner

Bert Anderson (Infectious Diseases) received funding for a R21 grant from the National Institute of Mental Health (NIMH) entitled, “Viral immunocapture and isolation of virus from CSF lymphoid and myeloid cells to better understand HIV in the central nervous system.”

Neal Dickert, Alanna Morris (Cardiology) received funding for a R01 grant from the Agency for Healthcare Research and Quality (AHRQ) entitled, “Integrating costs into shared decision-making for heart failure with reduced ejection fraction.”

Brandi Wynne (Renal Medicine) received funding from the Carl W. Gottschalk Research Scholar grant from the American Society of Nephrology Foundation for Kidney Research for a project entitled, “Renal dendritic cell-dericed interleukin 6 increases sodium reabsorption and blood.”

Brandi Wynne, Robert Hoover, Doug Eaton (Renal Medicine) received funding for a K01 award from the NIDDK entitled, “Aldosterone independent activation of mineralocorticoid receptor via IL-6 and Rac1 induces sodium retention and hypertension.”

Have you or a colleague recently received an award or grant funding?

Let us know
Recent Notable Publications

Faisal Merchant, Angel Leon, Mikhael El Chami (Cardiology)

Laura Plantinga, Rachel Patzer, Stephen Pastan (Renal Medicine)

Charles O’Neill (Renal Medicine)
Pediatric Research Grand Rounds
Wednesday, 8/15 at 7:30 a.m. George J. Fuchs III, MD, Professor and Vice Chair for Clinical Affairs, Pediatrics, Chief, Division of Pediatric Gastroenterology, Hepatology, and Nutrition, University of Kentucky presents "Malnutrition and Pneumonia Synergy: A Challenge to Health Systems in Developing Countries." Read more

Pediatrics Aflac Research Conference: “America’s top (mouse) models” What mice can teach us about brain tumor therapy”
Tuesday, 8/28 at 12:30 p.m. in Egleston, Classrooms 5-7 (Videoconferencing to Scottish Rite MOB 4th floor conference room). Robert J. Wechsler, PhD, Professor and Program Director, Tumor Initiation and Maintenance Program, Sanford Burnham Perbys Medical Discovery Institute presents this seminar. Lunch is provided. Read more

K-Club: “Mentors, collaborators, contributors, and consultants- How to organize and position your research team for funding and project success”
Monday, 9/10 at noon in the Health Sciences Research Building Auditorium. Presenters include: Stacy Heilman, Ph.D. (Assistant Professor & Director, Pediatric Research Operations, Emory University & Children’s Healthcare of Atlanta) Kimberly Maune, MHA (Assistant Dean for Research Administration, Senior Director, Research Administration Services Emory University Rollins School of Public Health & School of Nursing and Amelia C Randall, MBA (Associate Clinical Administrator Department of Pediatrics Emory University School of Medicine). Read more (PDF)

Reminder: Need help building and managing your research team?
Friday 9/21 11:00 a.m.- 2:30 p.m. at Georgia Tech Topics include: 1. Basic teamwork concepts 2. Leveraging and managing conflict 3. Choosing interdisciplinary collaborations 4. Team work in promotion and tenure processes. Read more
What is your professional background?
I received my Bachelor’s from Rutgers in Biology and my PhD at Emory in Molecular and Systems Pharmacology. After my PhD, I performed postdoctoral research at Brigham and Women’s Hospital and MIT.

In what division do you work, and who is your mentor?
I work in Biomedical Engineering, Cardiology, and Pediatrics, so I have lots! Believe it or not, Dr. Kathy Griendling was on my thesis committee, and I still lean on her for advice. I am also mentored by Drs. Hanjoong Jo and Bob Taylor.

Briefly describe your research. Why is it important?
Our laboratory researches novel approaches to cell therapy and drug delivery for adult and pediatric heart disease. Specifically, we use biomaterials to control the delivery of drugs and the fate of implanted cells. We also are now starting a clinical trial of progenitor cell therapy in patients with severe congenital heart defects (Hypoplastic Left Heart Syndrome). Recently, our laboratory has also started 3D printing for cardiac patches and valve tissue engineering.

What do you like most about Emory?
I love the diversity in expertise and research areas. We collaborate with people in Chemistry, Winship, Radiology, Pediatrics, and more. I think being in a city with a top medical school, top engineering school, and top children’s hospital is unrivaled.

What is your favorite movie or TV show?
Like most scientists, I love sci-fi movies, but do not watch too much TV. I do enjoy Game of Thrones and Westworld.
What do you like to do in your spare time?
I have 2 children, so not much of that. I love to be outdoors, so I usually try to sneak in a lunch time run. I love to travel as well.

"What's Up" is brought to you by the Emory University Department of Medicine's Research Community.

View the DOM Research website [here](#).