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MOOR Educational Guest Speakers – by Brian J. Day, PhD

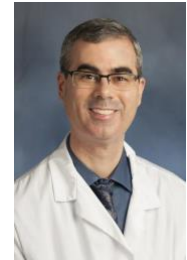
Robert Foronjy, MD

Associate Professor of Medicine
Chief, Pulmonary & Critical Care
Medicine
SUNY Downstate Medical Center

*The Role of HuR in the
Transcriptome of the
Airway Epithelium in
COPD*

**Wednesday
April 21**

12pm – 1pm
Zoom



N95 Masks – Update - Lisa A. Maier, MD, MSPH, FCCP



As of March 19, we are no longer reprocessing N95s. As a result, we are moving to one N95/provider/day in general, with some potential exceptions. Please note that we are getting, and, will continue to get, N95s back from Battelle and they should be used again, even if we are not going to reprocess in the future.

We understand that this may increase costs some for research studies and we also understand that for some research studies that an N95 may be used once-a-day for a very limited amount of time (e.g. 30 minutes for one assay). As a result, we were going to offer some areas that have lower N95 use (e.g. they are not in the N95 all day and are not donning/doffing multiple times per day) the ability to put the N95 aside in a brown paper bag for 7 days, rotating five N95s (if one is needed daily) for up to 5 times of re-use. If you think that some of the research staff would be interested in reusing N95s in settings as noted above, we would be happy to discuss this with you as we develop our processes and come train the staff. Thanks so much for your ongoing help with our research programs and in keeping our staff safe.

Feature: Animal Physiology Core – Katie Kopf, DVM, MS

Led by Dr. Katie Kopf, DVM, this core can provide special procedures, including the following research services:

- Animal pulmonary function testing with flexiVent from SCIREQ
- *In vivo* and *ex vivo* Micro-CT scanning with Bruker SkyScan 1276
- Advanced analysis of MicroCT scans
- Professional consulting for flexiVent and MicroCT studies
- Anesthetic administration and monitoring including heart rate, SPO2, and temperature regulation

A full-time laboratory animal medicine boarded veterinarian is available for any veterinary services for research; including comprehensive preventative health programs, interventional care in cases of illness, emergency services, and supportive veterinary care required for various research protocols. BRC technicians are available to provide technical support for research projects, including anesthetic support, post-operative care, and diagnostic testing.

NATIONAL JEWISH HEALTH

ANIMAL PHYSIOLOGY CORE

Services Offered:
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 -Advanced analysis of microCT scans
 -Professional consulting for flexiVent and MicroCT studies
 -Anesthetic administration and monitoring including Heart Rate, SPO2, and temperature regulation

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2 Research Happy Hour Events



Our next Research Happy Hour will be held on April 2nd from 3-5pm, featuring **James Bridges, PhD** and team, presenting their latest work into distal lung diseases and mechanisms. The speakers will be **Drs. James Bridges, Irina Petrache, Hong Wei Chu, Cecile Rose** and **Joshua Solomon**.

Our monthly Research Happy Hours feature presentations from faculty and trainees. Our goals are to increase research interactions and enhance the visibility, usage, and collaborations among faculty, research staff, and Centers, Cores, and programs.

On Friday, April 9, the **University of Denver** and **NJH research faculty** will collaborate for a special Research Happy Hour titled, "Research Lightning Rounds & Facilitated Q&A." Registration is required.

Registration: https://udenver.qualtrics.com/jfe/form/SV_eEiL5eGV5iLm0hE

Zoom link: <https://udenver.zoom.us/j/88116391211>

Research Lightning Rounds

3:00 – 4:00 pm

5-minute Research Presentations

Data Analytics	DU	3pm Intros 3:05-3:10	Jing Li, PhD Geography and the Environment	<i>Using Spatiotemporal Data Analytics to Aid Public Health Research</i>
	NJH	3:10-3:15 break	Stephen Humphries, PhD Radiology	<i>Objective Assessment of Lung Fibrosis on CT Scans Using Machine Learning</i>
Infectious Diseases	DU	3:20-3:25	Schuyler van Engelenburg, PhD Biological Sciences	<i>How to Build a SARS-CoV-2 Virus Particle and Why it is Important</i>
	NJH	3:25-3:30 break	Edward Chan, MD Medicine	<i>Are Gut Microbes Shaping Brain Health Including Parkinson's Disease?</i>
Health Disparities	DU	3:35-3:40	Anne DePrince, PhD Psychology	<i>Violence Against Women and Health</i>
	NJH	3:40-3:45 break	Lisa Cicutto, PhD Community Research	<i>Reducing Lung Health Disparities in Disadvantaged Communities</i>
Physiology	DU	3:50-3:55	Aur�lie Ledreux, PhD Neuroscience	<i>Exosomes as New Diagnostic Tools in Sport-Related Concussion</i>
	NJH	3:55-4:00	Michael Mohning, MD Pulm, Critical Care & Sleep Med	<i>Exercise Physiology in Unexplained Dyspnea</i>

Facilitated Q&A

4:00 – 5:00 pm

Break-out 1 Data Analytics	Break-out 2 Infectious Diseases	Break-out 3 Health Disparities	Break-out 4 Physiology
Facilitators: Jack Straus, DU Camille Moore, NJH	Facilitators: Jeanne Abrams & Hilary Smith, DU Charles Daley, NJH	Facilitators: TBD, DU Jennifer Taylor-Cousar, NJH	Facilitators: Kevin Morris, DU Tod Olin, NJH

NEW NIH Funding Opportunities



Apply for these opportunities with the support of our [Grant Writing Workshops program](#). To view these opportunities, visit: https://grants.nih.gov/searchGuide/search_guide.cfm
Following is a selection of new NIH funding opportunities, announced since March 1, 2021.

Anthony Gerber, MD, PhD

National Institute of Allergy and Infectious Diseases
- [11 new entries for NIAID](#)

National Heart, Lung, and Blood Institute
[0 new entries for NHLBI](#)

National Institute of Environmental Health Sciences – 3 new entries for NIEHS	National Institute of Nursing Research 0 new entries for NINR
National Center for Advancing Translational Sciences - 0 new entries for NCATS	National Center for Complementary and Integrative Health – 1 new entry for NCCIH
National Institute on Aging 7 new entries for the NIA	National Institute of Diabetes and Digestive and Kidney Diseases – 4 new entries for NIDDK
National Cancer Institute 8 new entries for NCI	

Clinical Research Corner – by D Sundström, Kevin Smilor, and Trish Taylor

Featured Trial of the Month –

Understanding Skin Problems from Eczema and Food Allergies - NIH



Clinicians: *Do you have a patient age 1-65 who has eczema and food allergies to peanut, milk or egg?*

Please note: we are also looking for normal controls.

Perhaps they would be interested in participating in participating in a study.

This study consists of 1-2 visits with a total time commitment of about 2-3 hours



Principal Investigator: **Elena Goleva, PhD** and Co-Investigator: **Donald Leung, MD, PhD**

Clinicians: please contact Trish Taylor at 303-398-1067 for more information

or visit: <https://www.nationaljewish.org/clinical-trials/understanding-skin-problems-from-eczema-and-food-allergies>