

May 2020

NIH-NIDDK



CAIRIBU COMMUNITY COMMUNIQUE



Collaborating for the Advancement of Interdisciplinary Research in Benign Urology

CAIRIBU MISSION

The CAIRIBU community will foster collaboration across multiple basic science and clinical disciplines to identify and address gaps in knowledge related to the biology, physiology, biochemistry, genomics, genetics, and metabolism of benign urologic diseases. Our overarching goals are to (1) support the next generation of urologic researchers by providing meaningful education and mentoring; (2) enhance knowledge of mechanisms associated with normal development, function, and disease pathology related to the urinary tract, kidney, and prostate; (3) cultivate new research tools and ideas by expanding the collaborative network within and outside of the traditional urologic research field; and (4) use the knowledge and tools generated from our collaborative work to reduce the burden of benign urologic illness and disability by developing and testing new therapies to effectively treat, manage, and prevent these diseases. CAIRIBU aims to create a transdisciplinary infrastructure to promote benign urologic research collaborations, encourage and embrace new investigators into the field, train and mentor the next generation of benign urologic basic scientists and clinician scientists, and develop and share resources and new tools to enhance urology research.

CAIRIBU COMMITTEES MEET

The **Program Committee** has met twice to begin laying the groundwork and defining the vision for the 2020 CAIRIBU meeting. Committee member **Aruna Sarma, PhD** (co-PI, Univ Michigan KUroEpi Program) will give a report at the May 14th CCL meeting. Other committee members are: **Jonathan Barasch, Diya Binoy Joseph, Kelvin Davies, Alison Huang, Casey Steadman, Doug Strand, and Renee Vickman**. A committee to set guidelines for abstracts and organize poster sessions will convene shortly.

DUKE UROLOGY DAY WENT VIRTUAL

If you didn't attend the annual (and virtual) Duke University Multidisciplinary Benign Urology Research Day on April 24th, you missed a great meeting. **Cindy Amundsen, MD** (PI, Duke Univ KURe Program) will give a brief report at the May 14th CCL meeting of the transition from an in-person to virtual meeting.

2020 MEETINGS & SYMPOSIA

May 15-18 **American Urological Association annual meeting**, Washington, DC. Link [here](#). **CANCELLED**

May 16 **2020 SBUR Spring Meeting** (virtual), 8-4:00 p.m. EST. Link to register [here](#).

May 26-28 **UW-Madison U54 George M. O'Brien Center Symposium**, Madison, WI. **POSTPONED**

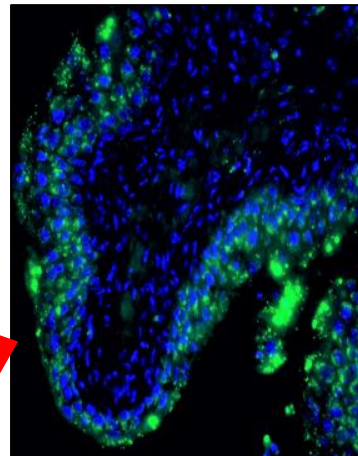
June 4-5 **Washington Univ P20 Developmental Center symposium**, St. Louis, MO. Overall theme is benign urology – aging, immunity, infection, microbiome, and physiology. **TRAVEL AWARDS** for early investigators available. *Stay tuned for more details.*

June 9 **University of Pittsburgh U54 George M. O'Brien Symposium**, Pittsburgh, PA. *Stay tuned for more details*. **POSTPONED**

June 27-28 **AUA Live**, 2 days of live presentations available to view online. Features some plenary presentations, panels, educational talks, debates, and more. [Schedule here](#).

Aug 25-29 **World Congress of Urology**, Hamburg, Germany. **CANCELLED**

Dec 2-4 **Annual CAIRIBU meeting**, Bethesda, MD. Details forthcoming. **SAVE THE DATES!!!**



3rd Annual CRePHS Symposium
featuring
Dr. Kelle H. Moley Lecture

Determinants of Bladder Homeostasis Across Life Span

June 4, 2020 2:30 pm - 5 pm
June 5, 2020 8 am - 3 pm

HAVE YOU SEEN THIS FOA?

* <https://grants.nih.gov/grants/guide/pa-files/PAS-20-160.html>

Published 3/31/2020. The FOA encourages submission of **pilot and feasibility clinical trials** in humans to lay the foundation for larger trials related to prevention or treatment of diseases and conditions within the mission of NIDDK. Small, short-term clinical trials to acquire preliminary data regarding the effects of intervention will be considered, as will feasibility data related to recruitment, retention, and study conduct. **Preliminary data regarding intervention efficacy not required.**



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Next CCL meeting (all CAIRIBU Community Leaders): Thurs., May 14 at 4:00 PM EASTERN

OTHER ANNOUNCEMENTS

The **Duke University Multidisciplinary K12 Urologic Research (KURe) Career Development Program** announces a new K Scholar, **Michael Odom, PhD**. Dr. Odom began his career as a paramedic and obtained a BS in Emergency Medical Care from Western Carolina University before transitioning into basic science research. He then earned a PhD in Physiology from East Carolina University where his research focused on neurovascular mechanisms responsible for erectile dysfunction following prostate cancer treatment. In 2020, he joined the Duke University Urinary Dysfunction Laboratory as a postdoctoral associate. Dr. Odom's current research focus is diabetic bladder dysfunction. Inflammation mediated through NLRP3 inflammasome activation directly contributes to the progression of diabetic bladder dysfunction through unknown mechanisms. NLRP3 inhibition is a promising potential therapeutic intervention. Dr. Odom is mentored by Dr. J. Todd Purves and Dr. Francis "Monty" Hughes.



For O'Brien Centers – The External Experts Panel (EEP) meeting is June 2 from 2-6:00 p.m. EASTERN time via Zoom. Per Tamara Bavendam, MD, the format is similar to last year. She notes that you can summarize your findings as the EEP will have read your written summaries. The Pittsburgh University O'Brien Center will have 30 minutes because it is an ongoing Center. The Columbia University and UW-Madison Centers will have 45 minutes as they have new projects to present. O'Brien Center PIs... please provide Tamara with your summary of progress over the past year by 8:00 a.m. ET on May 26th (day after Memorial Day).

CAIRIBU investigator **Jonathan Schmitz, PhD, MD** of the **Vanderbilt University P20 Exploratory Center for Interdisciplinary Research in Benign Urology** has been leading the COVID diagnostic efforts at Vanderbilt over the past couple of months. He will give a brief report of his experiences at the May 14th CCL meeting. Jonathan is a clinical microbiologist and investigator of microbial pathogenesis. He currently serves as the Medical Director of the Vanderbilt University Medical Center Molecular Infectious Diseases Laboratory.

Keep up on **NIH guidance and new funding opportunities** during the COVID-19 pandemic. Link to website containing links to funding and FAQs here: <https://grants.nih.gov/policy/natural-disasters/corona-virus.htm>

AUA LIVE, June 27-28, is a 2-day program of virtual programming across three different channels. FREE for AUA members; registration opens May 11. Registration for non-members opens June 1. Here is a link to the website for accessing the program for both days: <https://www.auanet.org/aua-virtual-experience/aua-live>. Current CAIRIBU investigators and CAIRIBU alumni will be giving presentations. These include: Dean Assimos, MD (PI, University of Alabama at Birmingham P20 Center); Kyle Wood, MD (investigator at the UAB P20 Center); Kristina Penniston, PhD, RDN (CAIRIBU Interactions Director); and Tom Chi, MD (PI of the recently-completed P20 Center at UCSF). All of these presentations relate to medical or surgical management of urolithiasis.

Other presentations, among many others, that may be of interest to CAIRIBU investigators include:

- John K. Lattimer lecture on the urinary microbiome and its impact on urologic disease (Curtis Nickel, MD)
- State-of-the-art lecture, "Has EMR improved patient care? (Peter Basch, MD)
- State-of-the-art lecture on urologists' prescribing practices and link to dementia (Tomas Griebing, MD)
- Panel discussion on infection and urologic implants (moderated by Daniel Shoskes, MD)
- State-of-the-art lecture on restorative therapies for erectile dysfunction (Trinity Bivalacqua, MD)

AUA 2020 abstracts are published, and they are accessible and searchable online. Link here: <https://www.auajournals.org/toc/juro/203/Supplement+4>