



CAIRIBU Interactions Core

*Collaborating for the Advancement of
Interdisciplinary Research in Benign Urology*

The CAIRIBU Interactions Core is working with Dr. Nicole De Nisco and Dr. Michael Neugent of UT-Dallas to keep the CAIRIBU Urobiome Research Interest Group going.

7/28/2023

ATTENDANCE

Aaron Miller, Alan Wolfe, Mike Neugent, Nicole De Nisco, Chelsie Armbruster, Emily L Coffey, Julie Barthold, Laura Preves Helgeson (patient), Lindsey Burnett, Lisa Karstens, Mangesh Suryavanshi, Tanya Sysoeva, Lindsey Burnett, Megan Bradley, Nazema Siddiqui, Sonali Advani, Vanessa Hale, Kristina Penniston, Jennifer Allmaras

2 newly published papers including authors Linda Brubaker and Alan Wolfe in Frontiers in Urology

a. ***Beyond the Usual Suspects***: <https://www.frontiersin.org/articles/10.3389/fruro.2023.1212590/full>

b. ***Tarnished Gold***: <https://www.frontiersin.org/articles/10.3389/fruro.2023.1206046/full>

GOALS FORMED FROM THIS MEETING

- **Develop ongoing community of researchers that meets regularly**
- **Learn more about each other's work** to identify common themes, connections, and how to bridge gap between research (e.g. between human and animal models)
 - **Monthly knowledge exchanges** (3rd or 4th Friday of month); begin in September; possibly alternate times; 3 people to present work each time with time at end for discussion – **Michael Neugent to organize**; will send out Google Sheet with sign up times
- **Form groups to write manuscripts together and/or science communication materials** – to do before writing grants together
 - **Collaborative manuscript on the epidemiology of UTIs needed**; Aaron Miller encourages collaborative process to begin building precedent for future research applications
 - **Science communication papers** – see below for snip from prior meeting (available on CAIRIBU website under "CAIRIBU Research Interest Groups")

Science communication papers. Patients and clinicians are envisioned as initial target populations. Those interested in working on these include: *Michael Neugent, Katie Forster, Lenore Ackerman, Tanya Sysoeva (also has students who may be interested), John Lee.*

 - Is there a urobiome?
 - Brief history (in layperson's terms) of urinary microbiome research and knowledge
 - Description of the evidence that supports existence of a urinary microbiome
 - How do we study the urobiome (e.g., technical aspects, tools, equipment, processes)?
 - What is the terminology associated the urobiome and urobiome research?
 - Is there an infection if a UTI is asymptomatic?
 - How should we use (or not use) antibiotics?
 - What are probiotics? What are prebiotics?
 - What are the technical aspects of how we study the urobiome?
 - What urobiome-related clinical trials are currently underway?
 - Importance of developing materials for providers was discussed.
 - Develop materials first then address strategy to disseminate
 - Another area to add to topics is **how antibiotics are not a no-consequence therapy.**
 - **Involve UTIGA in development of materials?** – Sheryl Justice (from UTIGA) has an interest in developing these materials
 - Also involve Lenny Ackerman talk on diagnostics – recording available here once posted: <https://utiga.org/past>
 - **After developing materials, think about dissemination strategy** – talks for YouTube or Podcast
 - Nazema Siddiqui also interested in technical and experimental workflows group (see CAIRIBU website [HERE](#) – page 2 – for list of people interested in various small writing groups)
- **Create more opportunities for U-RIG to connect at in person meetings** – CAIRIBU meeting, AUGS, etc.
 - Invite each other to speak at each other's things