



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”
 - 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

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?