



BPH RESEARCH INTEREST GROUP

Connecting BPH clinicians, investigators, and trainees to advance science and clinical care



Collaborating for the Advancement of Interdisciplinary Research in Benign Urology

SUMMARY OF RESEARCH APPROACHES AND INTERESTS FROM 5/06/2026 MEET & GREET

1. Attendees cited the following research approaches they use:

- Basic science
- Collaborative, "big data" (e.g., MUSIC now has a BPH program)
- Epidemiological approaches to studying BPH
- Geroscience, aging, senescence
- Imaging
- Microbiology, microbiome
- Model development
- Neuroscience
- Resource development
- Risk stratification
- Clinical/translational approaches

2. Research interests and topics of attendees:

- Biomarker discovery (e.g., image-based)
- Epithelial cytokines
- Fibrosis, interstitial fibroblasts
- Glandular nodules
- Immune system
- Inflammation
- Lipid accumulation
- Molecular mechanisms of aging
- Role of Piezo1 expression
- Organoids, organ-on-a-chip
- PDX model of BPH
- Pleiotropic therapy (e.g., exercise)
- Post-surgical dystrophic calcification
- Sex hormones
- Single cell spatial analysis
- Sleep fragmentation
- Stromal-epithelial interactions
- Tissue properties
- TNF antagonists

3. Summary of discussion:

- There was robust discussion on the need to partner with **clinical trial specialists** and to develop the infrastructure for running clinical trials.
- The need to pursue funds outside of traditional federal sources was discussed. Suggested candidates included pharmaceutical and surgical/device companies.
- Attendees discussed the need to develop **connections, commonalities, and "through lines"** across investigators' specific research interests.
- **The need for UNITY in the field was discussed.** Specifically, the need to stick together and stand up for each other was strongly encouraged. This extends to reviews of grant applications as well as manuscripts.
- **There was vigorous support for clinician and scientist partnerships.** Attendees brought up the **Society of Benign Prostate Disease (SoBPD)** as an example of a clinician-focused organization with which connections should be made. Some attendees have interacted with SoBPD.
- The **Society for Basic Urological Research (SBUR)** was noted as another organization with which to make connections (**Travis Jerde** is current president). More benign urology presence at SBUR meetings was encouraged.

ATTENDEES OF 5/06/2026 CAIRIBU BPH RESEARCH INTEREST GROUP MEET & GREET

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