Key questions defining research program:

- How does the urothelium (bladder epithelium) sense stretch?
- How does uroplakin3 regulate umbrella cell polarization?
- How does stretch modulate urothelial function?

Key words describing research program:

- mechanotransduction
- Epithelial biology
- Urothelium
- bladder
- Membrane traffic

Titles for shovel-ready research projects:

- Role of Piezo1 in bladder function
- UPK3a function during urinary tract development
- Localization of proteins in human urothelium

Data sources for shovel-ready research projects:

- Primary research data