

## College of Veterinary Medicine

### Pawan Puri

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### EDUCATION/TRAINING

Institution and Location	Degree	Graduation Year	Major
University of Pittsburgh, Pittsburgh	Postdoc	2014	Developmental Biology
Kent State University, Ohio	PhD	2009	Physiology
Punjab Agricultural University, Ludhiana	BVSc	2001	Veterinary Medicine

### TEACHING

Veterinary Physiology

### RESEARCH INTERESTS

- Signaling pathways regulating kidney development, renal dysplasia and cystic kidney disease.
- Shp2 signaling in spermatogonia and Sertoli cells of the testis.

### RECENT PUBLICATIONS

**-Puri Pawan**, Bushnell Daniel, Schaefer Caitlin M, Bates Carlton M. (2016). *Six2creFrs2a* knockout mice are a novel model of renal cystogenesis. ***Scientific Reports*. (6):36736**

**-Puri Pawan**, Ihrig Lynda I, Chandran Uma, Law Nathan C., Dunn Mary-Hunzicker, Zeleznik Anthony J. (2016). Protein Kinase A: A master kinase of granulosa cell differentiation. ***Scientific Reports*. (6): 28132.**

**-Puri Pawan & Walker William H.** (2016). The regulation of male fertility by the PTPN11 tyrosine phosphatase. ***Seminars in Cell and Developmental Biology*. (59): 27-34.**

**-Di Giovanni Valeria, Walker Kenneth A, Bushnell Daniel, Schaefer Caitlin M, Sims-Lucas Sunder, Puri Pawan, Bates Carlton M.** (2015) Fibroblast growth factor receptor-Frs2 $\alpha$  signaling is critical for nephron progenitors. ***Developmental Biology*. 400 (1): 82-93**

**-Puri Pawan**, Phillips Bart T, Suzuki Hitomi, Lapinski Philip E, Rajkovic Aleksander, King Philip D, Orwig Kyle E, Feng Gen-Sheng, and Walker William H. (2014) The Transition from Stem cell to progenitor spermatogonia and male fertility requires the SHP2 tyrosine phosphatase. ***Stem Cells*. (32):741-753**

**-Puri Pawan** and Walker William H. (2013) The Tyrosine Phosphatase SHP2 Regulates the Sertoli Cell Junction Complexes. ***Biology of Reproduction*; 88 (3) 59 1-11 (Cover Article)**