

2021 GUDMAP Jamboree Posters Schedule

Monday, August 23rd, 4:35 pm to 5:35 pm EDT

| Session A: 4:35 pm to 5:05 pm EDT | |
|--|---|
| 1-minute video presentations followed by Q&A with presenters in their own breakout rooms | |
| 1 | Collaborating for the Advancement of Interdisciplinary Research in Benign Urology <i>Kristina Penniston (University of Wisconsin School of Medicine and Public Health)</i> |
| 2 | Mapping Molecular Regionalization of Cell Types Along the Anterior-Posterior Axis of the Lower Urinary Tract <i>Brooke Armfield (University of Florida)</i> |
| 3 | Imaging genitourinary development in human embryos using nanoscale computed tomography <i>Julia Bittencourt (University of Florida)</i> |
| 4 | Visualizing and elucidating the FGF-dependent mechanisms of urethral morphogenesis <i>Chase Bryan (University of Florida)</i> |
| 5 | Expression of Piezo channels in the mouse lower urinary tract <i>Marianela Dalghi (University of Pittsburgh)</i> |
| 6 | An Extensive Bank of Human Fetal Urogenital Tract Tissues <i>Amber Derpinghaus (University of California, San Francisco)</i> |
| 7 | 3D-Imaging of Human Genitourinary Organogenesis with Light Sheet Fluorescence Microscopy <i>Dylan Isaacson (University of California, San Francisco)</i> |
| 8 | Macroscopic Whole-Mounts of the Differentiating Human Fetal Urogenital-Genital Tract <i>Yi Li (University of California, San Francisco)</i> |
| 9 | Diabetes Damages Urothelial Barrier Function in Mice via NLRP3-Dependent Mechanisms <i>Michael Odom (Duke University Medical Center)</i> |
| 10 | Neuromodulatory cell distribution in developing mouse lower urinary tract <i>Marisa Rigsby (Vanderbilt University)</i> |
| 11 | Functional maturation of bladder nerves is mediated by LRIG2 and HPSE2 <i>Neil Roberts (Division of Cell Matrix Biology and Regenerative Medicine at The University of Manchester (UK))</i> |
| Posters Q&A | |
| 4:46 pm to 5:05 pm EDT: Each presenter will be in a breakout room under their name ready to answer your questions. | |

2021 GUDMAP Jamboree Posters Schedule

Session B: 5:05 pm - 5:35 pm EDT

1-minute video presentations followed by Q&A with presenters in breakout rooms

| | |
|----|---|
| 1 | Mice are not human <i>Gerald Cunha (University of California, San Francisco)</i> |
| 2 | Confocal Imaging of the Developing Human Fetal Penis and Clitoris <i>Sena Aksel (University of California, San Francisco)</i> |
| 3 | RBFOX2 Partially Regulates Differentiation During Male Genital Tubercle Development <i>Victor Ruthig (Weill Cornell Medicine)</i> |
| 4 | Single-cell RNAseq analysis of the developing human genital tubercle <i>Maya Overland (University of California, San Francisco)</i> |
| 5 | Developmental and sexual dimorphic atlas of the prenatal mouse external genitalia at the single-cell level <i>Ciro Amato (NIEHS/NIH)</i> |
| 6 | Glucocorticoids are elevated in BPH and alter organoid phenotype <i>Connor Forbes (Vanderbilt University Medical Center)</i> |
| 7 | The transcriptional landscape of mouse prostatic fibrosis and resolution <i>Petra Popovics (University of Wisconsin-Madison)</i> |
| 8 | Molecular characterization of heterogeneity in the renal vasculature <i>Neha Ahuja (University of Texas, Southwest)</i> |
| 9 | Toward a Therapeutic Intervention to Mitigate Obstructive Kidney Injury <i>Ashley Jackson (Abigail Wexner Research Institute at Nationwide Children's Hospital)</i> |
| 10 | Generation of spatial and molecular atlases for kidney-associated neurons <i>Lori O'Brien (University of North Carolina at Chapel Hill)</i> |
| 11 | Role of Lhx1 in nephron development and maintenance <i>Joo-Seop Park (Cincinnati Children's Hospital Medical Center)</i> |
| 12 | gldc is essential for embryonic development and kidney organogenesis <i>Nicole Weaver (University of Notre Dame)</i> |
| 13 | ESRRy Identified as a Novel Link Between Ciliogenesis and Nephrogenesis <i>Hannah Wesselman (University of Notre Dame)</i> |

Posters Q&A

4:46 pm to 5:05 pm EDT: Each presenter will be in a breakout room under their name ready to answer your questions.