

<b>SYMPOSIUM III</b>	
<b>ION CHANNELS AND TRANSPORTERS IN MALE REPRODUCTION AND PHYSIOLOGY</b>	
<b>10:00 AM - 12:05 PM</b>	<b>SESSION I: MALE REPRODUCTIVE SYSTEMS AND SPERM</b> Celia Santi, MD, PhD; Jae Hwang, PhD
10:00 AM	LIVE Opening Remarks <i>Celia Santi, MD, PhD; Jean-Ju Chung, PhD</i>
10:05 AM	Genetic Defects in Sperm Flagella Beat Generation and Regulation <i>Heymut Omran, MD</i>
10:25 AM	Sperm Ca <sup>2+</sup> Signaling Nanodomains <i>Jean-Ju Chung, PhD</i>
10:45 AM	Young Investigator Talk #1: Cilia Function in Epididymis <i>Clemence Belleannee, PhD</i>
11:00 AM	Capacitated Sperm Develop Hyperactivated Motility and Undergo Acrosomal Exocytosis. And Then What? <i>Mariano Buffone, PhD</i>
11:20 AM	Chloride Channels in Sperm Physiology <i>Alberto Darszon, PhD</i>
11:40 AM	LIVE Q&A
12:05 PM	BREAK
<b>1:00 PM - 3:00 PM</b>	<b>SESSION II: ION CHANNELS AND TRANSPORTERS IN GENERAL PHYSIOLOGY</b> <i>Jean-Ju Chung, PhD; Lis Puga Molina, PhD</i>
1:00 PM	The Multiple Roles of the Polycystin Proteins: Ion Channel, GPCR and Regulators of Mitochondrial Metabolism <i>Michael Caplan, MD, PhD</i>
1:20 PM	Glucose Transporters in Kidney Epithelial Cells <i>Timo Rieg, MD</i>
1:40 PM	Young Investigator Talk #2: V-ATPase+ Epithelial Cells - New Influencers of the Epididymal Mucosal Immunity <i>M. Augustina Battissone, PhD</i>
1:55 PM	Young Investigator Talk #3: Under Pressure - The Role of PIEZO2 in Urination <i>Kara Marshall, PhD</i>
2:10 PM	Regulation of Cellular Bioenergetics by Intracellular Ca <sup>2+</sup> Ion Channels <i>Kevin Foskett, PhD</i>
2:30 PM	LIVE Q&A
2:55 PM	LIVE Closing Remarks <i>Celia Santi, MD, PhD; Jean-Ju Chung, PhD</i>