

15:56-15:59 **S2-8 (PP)**

### **KCNG4: A NOVEL GENE CANDIDATE UNDERLYING VESICoureTERAL REFLUX**

Abhishek SETH, In-Seon CHOI, Chester KOH, Patricio GARGOLLO, David ROTH, Carolina JORGEZ and Dolores LAMB

*Baylor College of Medicine, Scott Department of Urology, Houston, USA*

15:59-16:02 **S2-9 (PP)**

### **INHIBITION OF DNA-METHYLATION ENHANCES FUNCTIONAL RECOVERY AFTER RELEASE OF BLADDER OUTLET OBSTRUCTION.**

Martin SIDLER<sup>1</sup>, Karen AITKEN<sup>2</sup>, Janet JIANG<sup>2</sup>, Aleah SAMIEI<sup>2</sup> and Darius BAGLI<sup>2</sup>

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16:02-16:05 **S2-10 (PP)**

### **ESTABLISHING A NEW MODEL FOR EVALUATION OF DRUG TREATMENT IN THE CLINICALLY RELEVANT PHASE OF BLADDER DE-OBSTRUCTION: GENE EXPRESSION AND FUNCTIONAL ANALYSES**

Darius BAGLI<sup>1</sup>, Jia-Xin JIANG<sup>2</sup>, Annette SCHROEDER<sup>1</sup>, Martin SIDLER<sup>2</sup>, Aleah SAMIEI<sup>2</sup>, Tyler KIRWAN<sup>2</sup> and Karen AITKEN<sup>2</sup>

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16:05-16:08 **S2-11 (PP)**

### **USE OF MRI DIFFUSION SEQUENCE TO QUANTIFY KIDNEY PARENCHYMA IMPAIRMENT IN A PARTIAL URETERAL OBSTRUCTION MOUSE MODEL**

Maguelonne PONS<sup>1</sup>, Liza ALI<sup>1</sup>, Simon A LAMBERT<sup>2</sup>, Benjamin LEPORC<sup>3</sup>, Marianne ALISON<sup>4</sup>, Michel PEUCHMAUR<sup>5</sup>, Ulrich BLANK<sup>6</sup> and Alaa EL GHONEIMI<sup>1</sup>

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16:08-16:11 **S2-12 (PP)**

### **EPIGENETIC REGULATION BY HDAC PROTEINS PLAYS A CRITICAL ROLE IN THE PROGRESSION OF RENAL FIBROSIS**

Paul AUSTIN, Scott MANSON, Qiusua GUO and Katelynn MOORE

*Washington University in St. Louis School of Medicine, Urology, Saint Louis, USA*