

14:00-14:03

S1-11 (PP)

**A NEWLY IDENTIFIED ROLE
FOR INTERLEUKIN-22 IN BLADDER IMMUNITY**

Michael HSIEH¹ and Jared HONEYCUTT²

¹ Children's National Health System, Urology, Washington, USA

² Stanford University, Urology, Stanford, USA

14:03-14:06

S1-12 (PP)

**THE CREATION OF THE SKIN-CNS-BLADDER REFLEX ARC –
AN EXPERIMENTAL VERIFICATION**

Pavel ZERHAU¹, Matej HUSÁR¹, Zdenek MACKERLE², Eva BRICHTOVA², Daniela SOCHURKOVA², Martin KUBÁT¹, Eduard GOPFERT³ and Martin FALDYNA³

¹ Clinic of Paediatric Surgery, Orthopaedics and Traumatology, University Hospital Brno, Paediatric Urology, Brno, CZECH REPUBLIC

² Clinic of Neurosurgery, University Hospital of St. Anna, Brno, Neurosurgery, Brno, CZECH REPUBLIC

³ Veterinary Research Institute Brno, Brno, CZECH REPUBLIC

14:06-14:09

S1-13 (PP)

**EXPRESSION AND ANTIMICROBIAL FUNCTION
OF REG3GAMMA DURING URINARY TRACT INFECTION**

Christina CHING¹, Ashley CARPENTER², Birong LI³, John SPENCER³, Kirk MCHUGH⁴ and Brian BECKNELL³

¹ Nationwide Children's Hospital, Pediatric Urology, Columbus, USA

² Ohio State University, Biomedical Sciences, Columbus, USA

³ Research Institute at Nationwide Children's Hospital, Center for Clinical and Translational Research and Microbial Pathogenesis, Columbus, USA

⁴ Ohio State University, Anatomy, Columbus, USA

14:09-14:12

S1-14 (PP)

**A NATIONWIDE REGISTER STUDY OM MATERNAL
AND FOETAL FACTORS IN BLADDER EXSTROPHY
IN SWEDEN**

Gisela REINFELDT ENGBERG, Magdalena FOSSUM, Agneta NORDENSKJÖLD and Ängla MANTEL

Karolinska Institute, Womens and childrens health, Stockholm, SWEDEN

14:12-14:15

S1-15 (PP)

**CLARIFICATION OF MAMMALIAN CLOACA
MORPHOGENESIS USING HIGH-RESOLUTION EPISCOPIC
MICROSCOPY**

Sean LI and Yichen HUANG

Boston Children's Hospital, Urology, Boston, USA