



- 12:00pm **Registration / Poster Setup**
- 12:30pm **Opening Remarks**
- Terence Dermody, MD, Vira I. Heinz Professor and Chair of the Department of Pediatrics, University of Pittsburgh School of Medicine
- Timothy Hand, PhD, i4Kids Director, Associate Professor of Pediatrics and Immunology, and University of Pittsburgh Gnotobiotic Core Director, University of Pittsburgh School of Medicine
- 12:50pm **Respiratory Syncytial Virus Targets the Immune System in Early Life**
- Prabir Ray, PhD, Professor of Medicine and Immunology, UPMC Endowed Chair in Lung Immunology and Director of Basic Research, Division of Pulmonary, Allergy, Critical Care and Sleep Medicine, University of Pittsburgh School of Medicine
- 1:20pm **Early life imprinting of intestinal tolerance**
- Chrysothemis Brown, MBBS, PhD, Assistant Member, Human Oncology & Pathogenesis Program, Immuno-Oncology Service and Assistant Attending, Department of Pediatrics, Memorial Sloan Kettering Cancer Center
- 1:50pm **Break**
- 2:00pm **Microbial colonization programs are structured by breastfeeding and guide healthy respiratory development**
- Liat Shenhav, PhD, Assistant Professor, Department of Microbiology and Department of Obstetrics and Gynecology, New York University Grossman School of Medicine
- 2:30pm **Drugs and Bugs: Infection and Immunity During Pregnancy and Perinatal Outcomes**
- Christina Megli, MD, PhD, Assistant Professor, Department of Obstetrics, Gynecology and Reproductive Sciences, University of Pittsburgh School of Medicine
- 3:00pm **Break**
- 3:15pm **Elevator Pitches**
- 4:00pm **Poster Session / Reception**
- 5:00pm **End**



- 3:15pm **Tolerance After Vertebral Bone Marrow Transplant Following Lung Transplant from a Deceased Donor: Case Report with Mechanistic Studies**
- Paul Szabolcs, Division Director, Blood and Marrow Transplantation and Cellular Therapies and Professor of Pediatrics and Immunology, University of Pittsburgh School of Medicine
- 3:21pm **Staphylococcus aureus protein SasD affects phagocytes during pulmonary infection**
- Brooke Dresden, 4<sup>th</sup> Year Graduate Student, Department of Pediatrics, University of Pittsburgh School of Medicine
- 3:27pm **Rift Valley fever virus vaccination in pregnancy prevents in utero transmission and confers neonatal immunity via maternal antibody transfer**
- Austin Hertel, 3<sup>rd</sup> Year PhD Student, Center for Vaccine Research, University of Pittsburgh School of Medicine
- 3:33pm **Humoral immunity following vaccination is sufficient to protect mice against encephalitis from percutaneous exposure to Rift Valley fever virus.**
- Karina Mueller Brown, Postdoctoral Associate, Department of Pediatrics, University of Pittsburgh School of Medicine
- 3:39pm **Murine models of Oropouche Fever and the role of Lrp1 in Pathogenesis**
- Cade Sterling, Postdoctoral Fellow, Center for Vaccine Research, University of Pittsburgh School of Medicine
- 3:45pm **Mammalian orthoreovirus replication factory formation requires residues within putative coiled-coil domains of  $\mu$ NS**
- Gavin Treadaway, 3<sup>rd</sup> Year PhD Student, Department of Pediatrics, University of Pittsburgh School of Medicine
- 3:52pm **Chicken or the Egg: Lymphopenia due to thymectomy or insufficient thymus?**
- Natalie Wolfson, Pediatrics Categorical PGY1, Department of Pediatrics, UPMC Children's Hospital of Pittsburgh
- 4:00pm **Poster Session / Reception**
- 5:00pm **End**