Title: Viral Infections: Advances in Prevention and Therapy

Objectives:
1. Discuss the antiviral therapies being developed against RSV and how they might be used
2. Discuss the current antivirals and vaccines used against the different strains of Influenza virus
3. Discuss the progress and obstacles to creating a universal influenza vaccine

Description: Respiratory viruses represent a tremendous burden of disease for children across the globe. Meaningful progress has been made in the treatment of the two most important respiratory viruses: RSV and Influenza. The paradigm for RSV will soon change to include an effective antiviral that can reduce viral replication and accelerate the resolution of symptoms. The knowledge required to create a universal influenza vaccine that would avoid custom strain selection and annual administration has increased significantly, but there is still much to be done. This session will offer attendees a broad discussion of treatment and prevention of RSV and influenza virus infections.

Society Affiliation: INCLUDE PIDS AND ANY OTHER ORGANIZATIONAL AFFILIATIONS

Potential Chairs: Roberta DeBiasi (chair), John DeVincenzo (chair)

Speaker #1
Presentation Title: New Therapies against RSV
Potential Speaker/Duration: John DeVincenzo/30 minutes
Potential Speaker/Institution: John DeVincenzo, Division of Pediatric Infectious Diseases, University of Tennessee/LeBonheur Children's Hospital, Memphis, TN

Speaker #2
Presentation Title: Influenza vaccines and antivirals in children: best evidence
Potential Speaker/Duration: Caroline Quach/30 minutes
Potential Speaker/Institution: Caroline Quach, Pediatrics, CHU Ste-Justine, Montreal, Quebec, CANADA

Speaker #3
Presentation Title: Progress toward universal influenza vaccine
Potential Speaker/Duration: Jim Crowe/30 minutes
Potential Speaker/Institution: Jim Crowe, Division of Pediatric Infectious Diseases, Vanderbilt University School of Medicine, Nashville, TN
Title: Just Your Average Day in Peds ID Clinic
Contact: INSERT YOUR NAME AND EMAIL

Tracks: Internal Medicine/Pediatrics

Objective: Many Peds ID practitioners encounter the same problems in their outpatient practice. Despite this familiarity, these topics are not often explored in an academic fashion. This session will offer a review and update of these topics.

Potential Moderators: Ben Katz MD-Lurie, Mehreen Arshad-Duke

Potential Topic 1- Managing the Tired Teenagers with Post-Infectious Fatigue-Ben Katz
   Dr. Katz has conducted original research into adolescents with fatigue after EBV and is a recognized expert.

Potential Topic 2-New Approaches to Recurrent UTI-Mehreen Arshad
   Dr. Arshad conducts original research on Uropathogenic organisms and manages a large outpatient cohort of children with recurrent UTI

Potential Topic 3-Lyme Disease Fact and Fiction-Paul Lantos-Duke
   Dr. Lantos has served as chair of the IDSA Lyme Disease guidelines panel and conducts original research on geospatial patterns of Lyme disease and clinical outcomes of testing and empiric treatment.

Alternate Topic: New Insights into Periodic Fever Syndromes-Kalpana Manthiram-NIH
   Dr. Manthiram has published on periodic fever syndrome and is currently conducting genetic studies of patients with these disorders.