Friday July 29:

9:00 am: Registration opens

11:00 am: Exhibits open

**Asthma Inception and Progression**

Moderators: Daniel J. Jackson, MD; David B. Peden, MD MS FAAAAI

Objective: Describe the mechanistic characteristics of asthma in young children; Identify appropriate treatment methodologies for young children with asthma.

1:00 pm: Plenary: *When and How Does Asthma Begin?*; Robert F. Lemanske, Jr., MD FAAAAI

1:30 pm: Symposium

- Basic: *Immunology of Childhood Asthma*; Patrick G. Holt, DSc
- Translational: *Early Life Events in Asthma Expression*; Fernando D. Martinez, MD
- Clinical: *Treatment Approaches to Preschool Wheezing Illnesses*; Leonard B. Bacharier, MD FAAAAI

2:30 pm: Break

3:00 pm: Case Discussion Workshops

Moderators: John M. Kelso, MD FAAAAI
James E. Gern, MD FAAAAI
Stanley J. Szefler, MD FAAAAI
Daniel J. Jackson, MD
Patrick G. Holt, DSc
Fernando D. Martinez, MD
Leonard B. Bacharier, MD FAAAAI

4:30 pm: Break

4:45 pm: Wine and cheese poster session

6:30 pm: Exhibits close/End of day 1
Saturday July 30:

7:00 am: Registration opens

**Reducing and/or Eliminating Asthma Exacerbations**
Moderator: Jacqueline A. Pongracic, MD FAAAAI

Objective: Describe the biological characteristics of asthma exacerbations; Outline the appropriate use of biologic therapies to treat asthma exacerbations.

8:00 am: Plenary: Identifying Biologic Targets to Attenuate or Eliminate Asthma Exacerbations; William W. Busse, MD FAAAAI

8:30 am: Symposium

- Basic: *Immunopathologic Features of Asthma Exacerbations*; Mario Castro, MD MPH
- Translational: *Acute Physiologic Characteristics and Long Term Clinical Consequences of Asthma Exacerbations*; Stephen P. Peters, MD PhD FAAAAI
- Clinical: *Precision Asthma Therapy: Picking the Right Biologic for the Right Patient*; Thomas B. Casale, MD FAAAAI

9:15 am: Exhibits open

9:30 am: Break

10:00 am: Case Discussion Workshops

Moderators: Stephen P. Peters, MD PhD FAAAAI
Monica Kraft, MD FAAAAI
Mario Castro, MD MPH
William W. Busse, MD FAAAAI
Thomas B. Casale, MD FAAAAI
Jacqueline A. Pongracic, MD FAAAAI
Robert F. Lemanske, Jr., MD FAAAAI

11:30 am – 1:00 pm: Lunch and Exhibit Visitation

**Preventing and Treating Severe Asthma**
Moderators: Lewis J. Smith, MD; Daniel Rotrosen, MD

Objectives: Define the mechanistic and clinical characteristics of severe asthma; Differentiate difficult to treat from severe asthma

- 1:00 pm: Plenary: *Severe Asthma: Can it be Prevented or Reversed?*; Sally E. Wenzel, MD FAAAAI

1:30 pm: Symposium

- Basic: *Airway Structural Alterations that Contribute to Severe Asthma*; Reynold A. Panettieri, Jr., MD
- Translational: *Novel Molecular Targets for Severe Asthma*; Harald E. Renz, MD FAAAAI
- Clinical: *Differentiating Difficult to Treat from Severe Asthma*; Monica Kraft, MD FAAAAI

2:30 pm: Break
3:00 pm: Exhibits close

3:00 pm: Case Discussion Workshops
   Moderators: Andrea J. Apter, MD MA MSc FAAAAI
                Theresa W. Guilbert, MD MS
                Sally E. Wenzel, MD FAAAAI
                Reynold A. Panettieri, Jr., MD
                Harald E. Renz, MD FAAAAI
                Monica Kraft, MD FAAAAI
                Lewis J. Smith, MD

4:30 pm: End of day 2

**Sunday July 31:**

7:00 am: Registration opens

**Asthma and COPD Overlap Syndrome (ACOS)**
   Moderator: James P. Kiley, PhD

Objective: Compare and contrast the biological and environmental characteristics of asthma and COPD; Define appropriate treatment strategies of ACOS

8:00 am: Plenary: *Moving from the Oslerian Paradigm to the Post-genomic Era: Are Asthma and COPD Outdated Terms?*; Nicola A. Hanania, MD MS

8:30 am: Symposium
   - Basic: *Pathophysiologic Mechanisms of Asthma and COPD*; Arthur F. Gelb, MD
   - Translational: *Influence of Environmental Factors on Asthma and COPD*; David B. Peden, MD MS FAAAAI
   - Clinical: *Precision Therapy for ACOS*; Joe W. Ramsdell, MD

9:30 am: Break

10:00 am: Case Discussion Workshops
   Moderators: Stokes Peebles, Jr., MD FAAAAI
                Jim Donahue, MD
                Arthur F. Gelb, MD
                David B. Peden, MD MS FAAAAI
                Nicola A. Hanania, MD MS
                Joe W. Ramsdell, MD
                Thomas B. Casale, MD FAAAAI

11:30 pm: Conference summary

12:00 pm: Meeting ends