



## CIS Diagnostic School in Primary Immunodeficiencies School Draft Agenda

**Dates: July 22– July 25, 2020**

**Location: Seaport Hotel  
Boston, MA**

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**Faculty:**

Roshini Abraham, PhD, Nationwide Children's Hospital  
Rebecca Marsh, MD, Cincinnati Children's Hospital Medical Center  
Vijaya Knight, MD, PhD, Children's Hospital Colorado  
Tom Fleisher, MD, American Academy of Allergy, Asthma and Immunology  
James Verbsky, MD, PhD, Medical College of Wisconsin  
Janet Chou, MD, Boston Children's Hospital  
Troy Torgerson, MD, PhD, Allen Institute for Immunology  
Sergio Rosenzweig, MD, PhD, NIH  
Craig Platt, MD, PhD, Boston Children's Hospital, Harvard Medical School

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### Wednesday, July 22

- 11:45am – 12:45am**    **Registration and Lunch**  
*Seaport Hotel, Lighthouse*
- 12:45pm – 12:50pm**    **Welcome**  
*Lighthouse 1*  
Roshini Abraham, PhD, Nationwide Children's Hospital
- 12:50pm – 1:00pm**    **Introduction to the Format of the School**  
Rebecca Marsh, MD, Cincinnati Children's Hospital Medical Center
- 1:00pm – 1:15pm**    **Introduction of Participants, Observers, and Core Faculty**
- 1:15pm – 1:45pm**    **Introduction to Flow Cytometry and Diagnostic Applications**  
Rebecca Marsh, MD, Cincinnati Children's Hospital Medical Center
- 1:45pm - 2:00pm**    **Q&A and General Discussion on Flow Cytometry**
- 2:00pm – 3:00pm**    **3 Attendee Case Presentations**

<b>3:00pm – 3:30pm</b>	<b>Coffee Break</b>
<b>3:30pm – 4:30pm</b>	<b>3 Attendee Case Presentations</b>
<b>4:30pm – 5:00pm</b>	<b>Faculty Lecture: <i>HLH/EBV lymphoproliferative disease</i></b> Rebecca Marsh, MD, Cincinnati Children's Hospital Medical Center
<b>5:00pm – 5:30pm</b>	<b>Faculty Lecture: <i>Primary Immune Dysregulatory Disorders (PIRDs)</i></b> Troy Torgerson, MD, PhD, Allen Institute for Immunology
<b>5:30pm – 6:00pm</b>	<b>Session Debrief</b>
<b>6:30pm:</b>	<b>Dinner at Hotel</b>

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### Thursday, July 23

<b>7:30am – 8:00am</b>	<b>Breakfast</b>
<b>8:00am – 8:45am</b>	<b>Faculty Lecture: <i>Genetics/Genomics: Concepts, Nomenclature, Analytical Approaches</i></b> Craig Platt, MD, PhD, Boston Children's Hospital, Harvard Medical School
<b>8:45am – 9:30am</b>	<b>Faculty Lecture: <i>Genetics: Analysis Tools</i></b> Janet Chou, MD, Boston Children's Hospital
<b>9:30am – 10:30am</b>	<b>General Discussion on Genomics</b>
<b>10:30am – 11:30am</b>	<b>Invited Lecture</b> <i>Diagnostic Evaluation and Use of Laboratory Testing For Antibody Deficiencies</i> Paul Maglione, MD, PhD, Boston University School of Medicine
<b>11:30am – 12:00pm</b>	<b>Faculty Lecture: <i>Autoinflammatory Diseases/Type 1 Interferonopathies</i></b> Sergio Rosenzweig, MD, PhD, NIH
<b>12:00pm – 1:00pm</b>	<b>Lunch</b>
<b>1:00pm – 3:00pm</b>	<b>6 Attendee Case Presentations</b>
<b>3:00pm – 3:30pm</b>	<b>Faculty Lecture: <i>SCID/CID</i></b> James Verbsky, MD, PhD, Medical College of Wisconsin
<b>3:30pm – 4:00pm</b>	<b>Coffee Break</b>
<b>4:00pm – 6:00pm</b>	<b>6 Attendee Case Presentations</b>
<b>6:30pm</b>	<b>Off-Site Dinner</b>

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## Friday, July 24

- 7:30am – 8:00am**      **Breakfast**
- 8:00am – 8:30am**      **Faculty Lecture: *DNA Repair Defects***  
Roshini Abraham, PhD, Nationwide Children's Hospital
- 8:30am – 9:00am**      **Faculty Lecture: *Phenocopies of PIDs***  
Tom Fleisher, MD, American Academy of Allergy, Asthma and Immunology
- 9:00am – 10:30am**      **Diagnostic Design Activity**
- 10:00am – 10:30am**      **Coffee Break**
- 10:30am – 11:30am**      **Invited Lecture**  
*Updates in Transplantation and Gene Therapy for Primary Immunodeficiencies and Immune Dysregulatory Disorders*  
Sung-Yun Pai, MD, Boston Children's Hospital/Dana-Farber Cancer Institute
- 11:30am – 12:30pm**      **Lunch**
- 12:30pm – 2:30pm**      **6 Attendee Case Presentations**
- 2:30pm – 4:00pm**      **Parallel Sessions (Attendees will attend one)**
- 1. Practical Flow Cytometry: Validation and Analytical Considerations for the Clinical Diagnostic Laboratory**  
Vijaya Knight, MD, PhD and Roshini Abraham, PhD
  - 2. Practical Genomics: Data Analysis, Reporting and Interpretation of Genetic Variants**  
Janet Chou, MD, Craig Platt, MD, PhD and James Verbsky, MD, PhD
  - 3. Clinical Pearls for PIDs and PIRDs**  
Rebecca Marsh, MD, Tom Fleisher, MD, Sergio Rosenzweig, MD, PhD, and Troy Torgerson, MD, PhD
- 4:00pm**                      **Free Evening**
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## Saturday, July 25

- 7:30am – 8:00am**      **Breakfast**
- 8:00am – 10:00am**      **6 Attendee Case Presentations**
- 10:00am – 10:15am**      **Coffee Break**
- 10:15am – 11:30am**      **Round-Robin Sessions**
- 1. Developing Laboratory Projects**  
Troy Torgerson, MD, PhD & James Verbsky, MD, PhD

**2. How To Write Case Reports**

Rebecca Marsh, MD & Janet Chou, MD

**3. CIS Committees and Activities**

Sergio Rosenzweig, MD, PhD

**4. Developing Medical Education Skills**

Craig Platt, MD, PhD & Tom Fleisher, MD

**5. Mentoring**

Roshini Abraham, PhD & Vijaya Knight, MD, PhD

**11:30am – 12:30pm Jeopardy**

**12:30pm – 1:00pm Best Abstract Award, Best Collage Award, Certificates**

**1:00pm: Packed Lunches and Departure**