



CIS/AAAAI Diagnostic School in Primary Immunodeficiencies School Agenda

Dates: June 28-July 1, 2018

**Location: Cincinnati Children's Hospital Medical Center
Cincinnati, OH**

Co-Chairs:

Roshini Abraham, PhD, Mayo Clinic

Rebecca Marsh, MD, Cincinnati Children's Hospital Medical Center

Faculty:

Vijaya Knight, MD, PhD, National Jewish Health

Tom Fleisher, MD, NIH Clinical Center

Jack Bleesing, MD, PhD, Cincinnati Children's Hospital Medical Center

Janet Chou, MD, Boston Children's Hospital

Troy Torgerson, MD, PhD, Seattle Children's Research Institute/University of Washington

Sergio Rosenzweig, MD, PHD, NIH

Thursday, June 28, 2018

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|----------------|---|
| 12:00 – 1:30pm | Registration and Lunch |
| 1:30-1:35pm | Welcome
Roshini Abraham, PhD, Mayo Clinic |
| 1:35-1:45pm: | Introduce the format of the School
Rebecca Marsh, MD, Cincinnati Children's Hospital Medical Center |
| 1:45-2:00pm: | Introduction of participants and observers and core faculty |
| 2:00-2:50pm: | Introduction to Flow Cytometry and Diagnostic Applications
Tom Fleisher, MD, NIH Clinical Center
Jack Bleesing, MD, PhD, Cincinnati Children's Hospital Medical Center
Vijaya Knight, MD, PhD, National Jewish Health |
| 2:50-3:40pm: | Introduction to genetics and genomics (Troy/Janet/Sergio)
Janet Chou, MD, Boston Children's Hospital |

Troy Torgerson, MD, PhD, Seattle Children's Research Institute/University of Washington

Sergio Rosenzweig, MD, PHD, NIH

3:40-4:00pm:

Coffee Break

4:00-6:30:

Participant Case Presentations

10 cases, 5 min. case presentations each (50 mins); 10 minute discussion for each (100 mins)

6:30pm:

Break for the day

7:00pm:

Dinner with Group (at hotel or other location)

Friday, June 29, 2018

7:00-7:30am:

Breakfast

7:30-9:30am:

Computer Lab for Flow Cytometry (Group A)

(FCS Express will be used for flow data analysis with introduction on the availability of many different analytical software and no endorsement by faculty or CIS of any particular product).

7:30-9:30am:

Team Exercise for Group B (this will be related to cases with specific flow assays covered in the Computer Lab exercise)

Speakers:

Michael Jordan, *Basic Aspects of HLH*

Ashish Kumar, *Diagnostic Aspects of HLH*

Sharat Chandra, *SCID Diagnostics*

9:30-10:00am:

Break

10:00am-12:00pm:

Computer Lab for Flow Cytometry (Group B)

10:00am-12:00pm:

Team Exercise for Group A

Speakers:

Michael Jordan, *Basic Aspects of HLH*

Ashish Kumar, *Diagnostic Aspects of HLH*

Sharat Chandra, *SCID Diagnostics*

12:00-1:00pm:

Lunch

1:00-1:30pm:

Invited Lecture #1

Troy Torgerson, MD, PhD, Seattle Children's,

The Multi-purpose Dried Blood Spot (Proteomics, Immunophenotyping and Epigenetics studies on Newborn Screen Blood Spots)

1:30-3:30pm:	Participant cases 8 cases, 5 min. case presentations (540 mins); 10 minute discussion for each (80 mins)
3:30-3:45pm:	Break
3:45-4:45pm:	Computer Lab Exercises (Group A)
3:45-4:45pm:	Team Exercise (Group B)
4:45-5:45pm:	Computer Lab Exercises (Group B)
4:45-5:45pm:	Team Exercise (Group A)
5:50pm:	Break for the Day
6:30pm:	Cincinnati Zoo Outing

Saturday, June 30, 2018

7:00-8:00am:	Breakfast
8:00-9:00 am:	Invited Lecture #2 Jonathan Alder, PhD, University of Pittsburgh <i>Telomere FLOW-FISH and Applications for Immunological Diseases</i>
9:00-10:30am:	Computer Lab for Genetics/Genomics (Group A)
9:00-10.30am:	Team Exercise for Group B
10:30-11:00am:	Break
11:00am-12:30pm:	Computer lab for Genetics/Genomics (Group B)
11:00am-12:30pm:	Team Exercise for Group A
12:30-1:30pm:	Lunch
1:30-3:00pm:	Participant cases 6 cases, 5 min. case presentations (30 mins); 10 minute discussion for each (60 mins)
3:00-3:15pm:	Break
3:15-4:45pm:	Participant cases 6 cases, 5 min. case presentations (30 mins); 10 minute discussion for each (60 mins)
5:00-6:00pm:	Career and General discussion about Clinical and Diagnostic Immunology (small group with 2 faculty leaders per group)
6:00pm:	Break for the Day/ Free Evening

Sunday, July 1, 2018

7:30-8:30am:

Breakfast

8:30-11:00am:

Simultaneous Round-Robin Activities in Small Groups

- Writing case reports/abstracts
- Developing lab projects,
- CIS committees and activities
- Developing medical education skills
- Mentor-mentee relationships

11:00-11:30am:

Wrap-Up/Award of JMF Best Abstract Submitted

11:30am:

Departure (packed lunches will be available)