



*Adhesion synapse between platelet and monocyte during ECP*

# PRELIMINARY PROGRAM

## ASFA 2019

STATE OF THE SCIENCE CONFERENCE ON  
EXTRACORPOREAL PHOTOPHERESIS (ECP)

**PORTLAND, OREGON**

**TUESDAY, MAY 14TH, 2019**

*Hilton Portland*

# 2019

*ASFA's 40th Annual Meeting*



# ASFA

 American Society for Apheresis

*Photo courtesy of Dr. Richard Edelson's lab.*

# PRELIMINARY PROGRAM

## ECP CONFERENCE ORGANIZING COMMITTEE

Jennifer Schneiderman, MD, MS, Chair (Northwestern University)

Richard Edelson, MD (Yale University)

Yanyun Wu, MD, PhD (Bloodworks, ASFA President-elect)

Joseph Schwartz, MD (Columbia University, ASFA President)

Laura Connelly-Smith, MBBCh, DM (Seattle Cancer Care Alliance, University of Washington)

Jay Raval, MD (University of New Mexico)

Nancy Dunbar, MD (Dartmouth University)

Amber Sanchez, MD (University of California, San Diego)

Jill Adamski, MD, PhD (Mayo Clinic)

## PRELIMINARY PROGRAM

### TUESDAY, MAY 14, 2019

7:30 AM – 8:00 AM Registration and Continental Breakfast

8:00 AM – 8:15 AM Welcome and Introduction

Dr. Jennifer Schneiderman – Welcome and overview of the day

Dr. Joseph (Yossi) Schwartz and Dr. Yanyun Wu – Welcome from ASFA, Driving the Scientific Future of ECP

8:15 AM – 8:55 AM Topic: Antigen specific anti-cancer immunity

Speaker: Richard Edelson, MD, Yale University

8:15 AM – 8:50 AM Topics Covered:

- The Pivotal **Controllable** Role of Dendritic Cells in ECP

8:50 AM – 8:55 AM Questions & Discussion

8:55 AM – 9:35 AM Topic: Antigen specific tolerance in solid organ transplantation

Speaker: Jennifer Schneiderman, MD, MS, Northwestern University

8:55 AM – 9:30 AM Topics Covered:

- Enhancing ECP-Induced Tolerance to Transplanted Allogeneic Donor Tissue

9:30 AM – 9:35 AM Questions & Discussion

9:35 AM – 10:10 AM Topic: Unmet needs in allogeneic hematopoietic stem cell transplant: Where does ECP fit?

Speaker: Francine Foss, MD, Yale University

9:35 AM – 10:05 AM Topics Covered:

- ECP's Potential Enablement of Haplotype-Mismatched Hematopoietic Stem Cell Transplants

10:05 AM – 10:10 AM Questions & Discussion

10:10 AM – 10:15 AM Break

10:15 AM – 11:00 AM Topic: How do platelets influence ECP therapy?

Speaker: Diane Nugent, MD, University of California, Irvine

10:15 AM – 10:55 AM Topics Covered:

- Platelet and Dendritic Cell Interactions: Potential Implications for ECP Therapy

10:55 AM – 11:00 AM Questions & Discussion



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## TUESDAY, MAY 14, 2019

11:00 AM – 12:00 AM **Topic: How does psoralen influence ECP therapy?**

**Speaker: Lorenzo Galluzzi, PhD, Cornell University**

11:00 AM – 11:45 AM **Topics Covered:**

- Basis of 8-Methoxypsoralen's Initiation of Immunogenic Cell Death

11:45 AM – 12:00 AM Questions & Discussion

12:00 PM – 1:00 PM Lunch

1:00 PM – 2:15 PM **Topic: Cell-based medicine: How to make cellular therapy trials feasible and regulatory perspectives**

**Speaker: Joseph Leventhal, MD, PhD, Northwestern University**

1:00 PM – 1:35 PM **Topics Covered:**

- Approach to Designing and Executing Clinical Trials in Cellular Therapy

**Speaker: Peter Marks, MD, PhD, Director, Center for Biologics Evaluation and Research, FDA**

1:35 PM – 2:10 PM **Topics Covered:**

- Balancing Safety and Innovation for Cell-Based Medicine

2:10 PM – 2:15 PM Questions & Discussion

2:15 PM – 3:45 PM **Break-out Sessions**

**Facilitator: Yanyun Wu, MD, PhD, Bloodworks**

2:15 PM – 2:20 PM Discuss goals of the breakout sessions (each participant is invited to join two break-out sessions)

**Topics:**

- Anti-tumor immunization
- Tolerance in solid organ transplantation
- Haplo-identical Hematopoietic Stem Cell Transplantation/Graft-versus-host Disease
- Autoimmune diseases
- Practical challenges/how to monitor ECP therapy

2:20 PM – 3:00 PM Break-out #1

3:00 PM – 3:45 PM Break-out #2

*Coffee and light refreshments available throughout break-out sessions*

3:45 PM – 4:30 PM **Consensus Deliberation**

**Facilitator: Zbigniew "Ziggy" M. Szczepiorkowski, MD, PhD, Dartmouth University**

4:30 PM – 5:00 PM **Closing Statements**

**Dr. Richard Edelson, Dr. Yanyun Wu, and Dr. Jennifer Schneiderman**