

Red Cell Genotyping 2018

Patient Care

Wednesday
September 12

RED CELL GENOTYPING 2018: PATIENT CARE
WEDNESDAY, SEPTEMBER 12TH, 2018
NATCHER RUTH KIRSCHSTEIN AUDITORIUM, BUILDING 45
NATIONAL INSTITUTES OF HEALTH, 45 CENTER DRIVE, BETHESDA MD

FINAL PROGRAM

Session 1 – Scope of the Problem

- Moderator** Willy A. Flegel MD – NIH Clinical Center, Bethesda MD
- 8:25 – 8:30 Welcome and Warm-up
- 8:30 – 9:15 Chris Miskel, BS, MBA – President and CEO, Versiti, Milwaukee, WI
Title: *State of the US blood supply*
- 9:15 – 10:00 Jeanne E. Hendrickson, MD – Yale University School of Medicine, New Haven, CT
Title: *Red cell alloimmunization: the scope of the clinical problem in the US*
- 10:00 – 10:30 Coffee Break

Session 2 – Clinical Vignettes

- Moderator** Courtney D. Fitzhugh, MD – NIH, Bethesda, MD
- 10:30 – 10:50 Shelley Sahu, MD – NIH Clinical Center, Bethesda, MD
Clinical Vignette I: *Molecular matching in SCD transplant recipients*
- 10:50 – 11:10 Eric Gehrie, MD – Johns Hopkins Medical Institutions, Baltimore, MD
Clinical Vignette II: *Complicated RH Cases from a Busy Hospital Transfusion Service*
- 11:10 – 11:30 Mazen Toushan, MD – Versiti, Milwaukee, WI
Clinical Vignette III:
- 11:30 – 12:30 Lunch Break

Session 3 - Bench to Bedside

- Moderator** Jerome L. Gottschall, MD – Versiti, Milwaukee, WI
- 12:30 – 1:10 Patrick Trépanier, PhD, MBA – Héma-Québec, Québec, Canada
Title: *Weak D genotyping integration: Héma-Québec's story*
- 1:10 – 1:40 Diarmaid P. O'Donoghue, MD, FRCPath – Irish Blood Transfusion Service, Dublin, Ireland
Title: *The roll-out of red cell genotyping in Ireland*
- 1:40 – 2:15 Waseem Q. Anani, MD – Versiti, Milwaukee, WI
Title: *Using the power of mass-scale red cell genotyping*
- 2:15 – 2:30 Coffee Break

Session 4 – Making It Happen

- Moderator** Gregory A. Denomme, PhD – Versiti, Milwaukee, WI
- 2:30 – 3:15 Jill Johnsen, MD – Bloodworks Northwest, Seattle, WA
Title: *NGS*
- 3:15 – 4:00 S. Gerald Sandler, MD – Georgetown University, Georgetown, MD
Title: *DEL phenotype and risk of alloimmunization*
- 4:00 – 4:10 Discussion
- 4:10 – 4:15 Closing Remarks and Evaluation