



American Red Cross and the 2019 AABB Annual Meeting

Red Cross welcomes our valued hospital partners to attend the talks and visit the posters presented by our scientists, physicians and other subject matter experts. We look forward to fruitful discussions as we work together to advance innovation and blood safety.

ORAL EDUCATION SESSION PRESENTATIONS BY AMERICAN RED CROSS STAFF



SN4-30 2019 Sally Frank Memorial Award Lectureship

Speaker: Sandra J. Nance, MS, MT(ASCP) SBB

Sunday, October 20, 2019 02:00 PM - 05:30 PM

Room 217 A – Henry B. González Convention Center

ST2-12: A Practical Approach to Designing an Emergency Transport Transfusion Program

Speakers: Camille Van Buskirk, MD; Stacy Coleman, MLS (ASCP) and David Conrad Mair, MD.

Program Chair: Lisa M. Button- Mayo Clinic

Saturday, October 19, 2019 10:00 AM - 11:30 AM

Hemisfair Ballroom II - Henry B. González Convention Center

ST2-13: The Role of Transfusion Safety Officers: Tackling and Supporting Patient Blood Management

Speakers: Jessica Lee Varisco, Katherine Dettenwanger, MLS(ASCP)CM, and Elora K. Thorpe.

Program Chair: Emily Coberly, MD

Saturday, October 19, 2018 10:00 AM - 11:30 AM

Hemisfair Ballroom I – Henry B. González Convention Center

SN2-17 Chronic Work-Related Stress and Burnout: The High Cost of Ignoring Stress in the Workplace

Speakers: Yvette M. Miller, MD and Marisa Saint Martin, MD, ACC.

Program Chair: Yvette M. Miller, MD

Sunday, October 20, 2019 10:30 AM - 12:00 PM

Room 303 – Henry B. González Convention Center

MN2-12 Improving Patient Outcomes through Implementation of a Preoperative Anemia Program: A How-to Guide

Speakers: Sindhu Singh, MD, Debrorah Tolich, DNP, RN and Emily Coberly, MD.

Program Chair: Emily Coberly, MD

Monday, October 21, 2019 10:30 AM - 12:00 PM

Hemisfair Ballroom I – Henry B. González Convention Center

MN2-16: Technical Challenges in Pediatric Apheresis: Priming, Anticoagulation and Electrolyte Replacement

Speakers: Walter E. Kelley, DO, John Manis, MD and Eileen Jata Schwartz, BSN RN.

Program Chair: Kyle Annen, DO

Monday, October 21, 2019 10:30 AM - 12:00 PM

Room 302 - Henry B. González Convention Center

MN3-23 So You Think You've Found a New Allele

Speakers: Margaret A. Keller, PhD, Gregory A. Denomme, PhD and Celina Montemayor-Garcia, MD PhD.

Program Chair: Margaret A. Keller, PhD

Monday, October 21, 2019 02:00 PM - 03:30 PM

Hemisfair Ballroom I – Henry B. González Convention Center

MN3-30 Burned out in Transfusion Medicine: How to Keep Cool and Carry on?

Speakers: Tina Ipe, Lawrence A. Williams and Erin Meyer, DO.

Program Chair: Tina Ipe

Monday, October 21, 2019 02:00 PM - 03:30 PM

Room 217BCD – Henry B. González Convention Center

TU1-2 Will Rare Blood be There When Needed? Meeting Exquisitely Rare Blood Requests, One Patient at a Time, American Rare Donor Program and Collaborators

Speakers: P. Dayand Borge, MD PhD, Nancy Benitez, MHS (ASCP) SBB and Susan Forges.

Program Chair: Sandra J. Nance, MS, MT(ASCP)SBB

Tuesday, October 22, 2019 07:00 AM - 08:30 AM

Hemisfair Ballroom I – Henry B. González Convention Center

TU1-6 HOW Do We Improve Our Vigilance for Malaria While Retaining Donors?

Speakers: Bryan R. Spencer, PhD, Sheila F. O'Brien, PhD RN, and Sophie Le Cam.

Program Chair: Steven Jeffrey Drews, PhD FCCM D(ABMM)

Tuesday, October 22, 2019 07:00 AM - 08:30 AM

Room 302 – Henry B. González Convention Center

TU2-11 Back to the Future: Setting up and Managing a Whole Blood Transfusion Program

Speakers: Pampee P. Young, MD PhD, Richard Michael Scanlan, MD and Donald Jenkins, MD.

Program Chair: Randal Brian Covin, MD

Tuesday, October 22, 2019 09:00 AM - 10:30 AM

Hemisfair Ballroom I – Henry B. González Convention Center

TU3-22 In search of the Golden Donors: Finding Special Donors for Special Blood Products

Speakers: P. Dayand Borge, MD PhD, Kim Smith-Whitley, Professor and Alexandra Jimenez, MD

Program Chair: Pampee P. Young, MD PhD

Tuesday, October 22, 2019 11:00 AM - 12:30 PM

Hemisfair Ballroom I – Henry B. González Convention Center

PLENARY ORAL EDUCATION PRESENTATION BY AMERICAN RED CROSS STAFF

Detection of Anti-Retroviral Therapy Use in US Blood Donors

B Custer, C Quiner, R Haaland, A Martin, M Stone, R Reik, W Steele, D Kessler, P Williamson, SA Anderson, A Williams, SL Stramer, MP Busch *for the TTIMS program.*

Monday, October 21, 2019 05:00 PM - 05:15 PM

Hemisfair Ballroom I – Henry B. González Convention

ORAL ABSTRACT PRESENTATIONS BY AMERICAN RED CROSS STAFF

Detection of Babesia Ribosomal RNA Revealed a Longer Duration of Parasitemia in Infected Blood Donors

L Tonnetti, MC Proctor, V Bres, JM Linnen and SL Stramer.

Saturday, October 19, 2019 10:15 AM - 10:30 AM

Room 301 – Henry B. González Convention Center

No Evidence of Lymphopenia or Leukopenia in Frequent Platelet Donors Using the Amicus Collection System

S Druffner, D Gozelanczyk, T Tarlton and PAR Brunker.

Saturday, October 19, 2019 10:15 AM - 10:30 AM

Room 302 – Henry B. González Convention Center

Simulating the Impact of Mitigation Measures on Iron Status and Blood Availability

BR Spencer, MP Fox, LA Wise and RG Cable.

Saturday, October 19, 2019 10:45 AM - 11:00 AM

Room 302 – Henry B. González Convention Center

Investigation of Transfusion-Transmitted Powassan Virus Encephalitis in a Renal Transplant Recipient

E Destrampe, L Taylor, T Stevens, J Brown, J Groves, A Worthy, R Osborn, EA Misch, SL Stramer and J Weiss.

Saturday, October 19, 2019 11:00 AM - 11:15 AM

Room 301 – Henry B González Convention Center

Pathogen Reduced Platelets Reduce Septic Transfusion Reactions Compared to Conventional Platelets – Despite Point of Release Testing

B Bahar, WL Schulz, A Gokhale, BR Spencer, EA Gehrie and EL Snyder.

Sunday, October 20, 2019 04:45 PM - 05:00 PM

Room 302 – Henry B. González Convention Center

Acute Zika virus infection in an asymptomatic blood donor at the onset of the Puerto Rico epidemic

P Saa, C Chiu, K Grimm, G Yu, RJ Benjamin, L Corash and SL Stramer.

Monday, October 21, 2019 10:30 AM - 10:45 AM

Room 301 – Henry B. González Convention Center

Creutzfeldt-Jacob Disease: A Twenty-Four Year Lookback Study

LA Crowder, JY Abrams, RY Dodd, LB Schonberger and WR Steele.

Monday, October 21, 2019 10:30 AM - 12:00 PM

Room 301 – Henry B. González Convention Center

Patient Homozygous for *RHCE*CeC^w* with Anti-MAR and Anti-e

T Horn, P Mansfield, S Brennan, JM Scott and MA Keller.

Tuesday, October 22, 2019 11:45 AM - 12:00 PM

Room 302 – Henry B. González Convention Center

Sepsis from an Apheresis Platelet Contaminated with *Acinetobacter Baumannii* and *Staphylococcus Saprophyticus* after Pathogen Reduction

JL Fridey, A Nambiar, S Miller, RJ Benjamin, S Bakkour, M Moayeri, C Langelier, J Kamm, E Crawford, SL Stramer, SJ Wagner and MP Busch.

Tuesday, October 22, 2019 12:00 PM - 12:15 PM

Room 301 – Henry B. González Convention Center

POSTER ABSTRACT PRESENTATIONS BY AMERICAN RED CROSS STAFF

*Sunday, October 20, 2019 - 01:00 PM – 02:00 PM
Exhibit Hall 2-3 - Henry B. Gonzalez Convention Center*

One Center’s Approach to a Nearly Impossible Rare Blood Need: Thanking Way Outside of the Box!

N Benitez, F Bright, SJ Nance, JL Mauer, S Forbes and J Dariotis.

Variation in Reagent Lot Performance

W Beres, SJ Nance, D Moolten and PD Borge.

Impact of Pre-Hospital Plasma Transfusion and Hypothermia on Transfusion Rate and Clinical Outcomes in Trauma Patients

M Camazine, K Dettenwanger, E Franks and E Coberly.

Eligibility Criteria for Donor’s with Cardiovascular Disease

KM Grima and BA Dy.

Novel *RHD-CE-D* Hybrid Allele Associated with D- C+ Phenotype

R Garrett, T Horn, DD Giardina, PAR Brunker and MA Keller.

Use of Laboratory Data and Recipient Outcomes to Determine Case Classification in Five Canadian Blood Donors with Reactive *Babesia* Laboratory Results

S Drews, SL Stramer, MC Proctor, L Tonnetti, V Bres, JM Linnen, F Bernier, G Delage, T Gaziano, Y Gregoire, J Labrie, M Bigham, G Hawes, V Scalia, M Fearon and S O'Brien.

Comparative Evaluation of *In Vitro* Storage Properties of Pathogen-Reduced Amicus Platelets in Plasma and PAS

MH Dabay, S Seetharaman, H Awatefe, D Becker and SJ Wagner.

American Rare Donor Program (ARDP) Requests for Red Blood Cell Units Lacking High Prevalence Antigens

DA Facey, JL Mauer, DR Fludd, MA Keller and SJ Nance.

Fetal Neonatal AlloimmuneThrombocytopenia (FNAIT) Evaluations in a National Platelet Reference Laboratory

DA Facey, D Moolten, PD Borge and SJ Nance.

Implementation of Routine Prior History Checks for Requests for Rare Units Made to the American Rare Donor Program Summary Report

DR Fludd, DA Facey, JL Mauer, MA Keller and SJ Nance.

Characterizing Rare Requests for S-s-/U Neg/U+ ^{VAR} Units: Seven Year Review from the American Rare Donor Program (ARDP)

DR Fludd, JL Mauer, MA Keller, DA Facey and SJ Nance.

Characterization of Non-Radioactive Platelet Labels for Recovery and Survival Tracking.

T Getz, A Turgeon, D Thompson-Montgomery, SJ Wagner.

Evaluation of Photoactive Molecule Thiazole Orange for Pathogen Reduction in Platelet Concentrates Reveals Deleterious Effects on Function via Mitochondrial Damage

P Gough, T Getz, SJ Wagner and C Atreya.

<p>Two New <i>RHD*DAU</i> family Alleles Found in Three African American Patients T Horn, J Keller, G Wool and MA Keller.</p>
<p>Four Novel <i>RHD</i> Alleles Identified through Investigation of Discrepant or Weak RhD Status T Horn, J Keller, PAR Brunker, DD Giardina, JH Herman and MA Keller.</p>
<p>A Novel <i>KLF1</i> Variant Encoding C.858C>a and Responsible for <i>In(Lu)</i> Phenotype J Keller, T Horn, J Rowley, P Mansfield and MA Keller.</p>
<p>RH Allele Matching for Rh Alloimmunized Patients: Personalized Medicine to the Nth Degree MA Keller, T Horn, D Fludd, JL Maurer and SJ Nance.</p>
<p>Obstetric Antibody Titers: Clinical Impact of Using the More Sensitive Automated Gel Method J Kneib, K Tray, D Stroud, and E Coberly.</p>
<p><i>Lactococcus Garvieae</i> Detected By Secondary Bacterial Culture of an Apheresis Platelet Product CE Marshall, EA Gehrie, PAR Brunker, L Shiffiett, AAR Tobian, KC Carroll, PM Lokhandwala, PM Ness, D Gozelanczyk and EM Bloch.</p>
<p>Analysis of American Rare Donor Program (ARDP) Unfilled Rare Unit Request JL Maurer, DA Facey, MA Keller, DR Fludd and SJ Nance.</p>
<p>The Direct Anti-Globulin Test: Is There Still Clinical Utility in Neonatal Pre-Transfusions Work-Ups? E Meyer, I Puthawala, S Townsend, C Burrow and K Nicol.</p>
<p>Determining the Cost of Red Blood Cell Product Loss Due to Leukoreduction Filter Clotting Y Miller, A Apostoli, EP Notari, SL Stramer, RY Dodd, J Springer, D Kent, L Johansen, L Phelan and I Hihn.</p>
<p>Unrecognized Acute Hemolytic Reaction from an out-of-Group HLA Compatible Platelet Transfusion J Pasion, M McCusker, L Shimer, N Desai, A Bryant, HL McGann, and PAR Brunker.</p>
<p>Sociodemographic and Behavioral Characteristics Associated with Blood Donation in the United States EU Patel, EM Bloch, MK Grabowski, R Goel, PM Lokhandwala, PAR Brunker, JL White, B Shaz, PM Ness and AAR Tobian.</p>
<p>Analysis of Diagnoses Presenting for Therapeutic Plasma Exchange over Three 5-Year Periods from 2004 to 2018 R Reddy, C Harford and B Gappa.</p>
<p>Trends Adoption Verax PDG Test for Platelets in the U.S. and Its Impact on Platelet Safety and Availability J Rios, J Westra, BA Dy and PP Young.</p>
<p>Interference of Neutrophil Antibody Assays Caused By Monoclonal CD47 Antibody Therapy RM Schuller, S Sahu, M Roschewski, SJ Nance, S Kloss, L Dorn, C Dinzl, and DC Mair.</p>
<p>Iron Supplementation in High School Blood Donors: Baseline Behaviors and Response to Low Ferritin Deferral BR Spencer, JM Haynes, RG Cable, M Doane, ML Rambaud, SL Stramer.</p>

<p>Blood Donors Over Age 70: Contributions to the US Blood Supply and Safety Profile WR Steele, BA Dy, LA Crowder, PP Young.</p>
<p>A Multicenter Evaluation of Cellular Therapy Processing Laboratory Workload S Thibodeaux, DH McKenna, ZM Szczepiorkowski, MJ Fontaine, L Moffitt, JA Reems and PP Young.</p>
<p>Efficiently Identifying Blood Donors Expressing Rh Variants Including Those Lacking High Prevalence Antigens hr^B and hr^S DE Thomas, J Keller, T Horn and MA Keller.</p>
<p>Bacterial Safety of Extended Room Temperature Storage of Thawed Cryoprecipitate SJ Wagner, CA Hapip, L Abel.</p>
<p><i>In Vitro</i> Platelet Function of Whole Blood Is Not Altered By a Rapid Infusion Device WE Kelley, DS Morris, RA Campbell, JW Rowley, SJ Ilstrup, SJ Stanworth and PP Young.</p>
<p><i>In Vitro</i> RBC Deformability Is a Predictor of Long-Term Stored RBC PTR24 <i>in vivo</i> while ATP Is a Predictor of RBC PTR24 in Hypoxic Stored RBC T Yoshida, N Rugg, P Whitley, M Dioguardi, S Brooks, W Iselin, PC Spinella, F West, MS Karafin and JA Cancelas.</p>
<p>Oxygen Saturation of Collected RBC Products Is Donor Dependent. T Yoshida, P Whitley, N Rugg, M Dioguardi, M Wellington, S Brooks, W Iselin, F West, MS Karafin and JA Cancelas.</p>
<p>Availability and Adoption of Pathogen Reduced Platelets in the U.S. PP Young, MJ Fontaine, R Goel, AAR Tobian, M Abbott, PD Borge and DA Reeve.</p>