## BACK TO THE FUTURE WITH WHOLE BLOOD AND PLASMA

### 800-830
**Epidemiology and Outcomes of Traumatic Hemorrhagic Shock**
John Holcomb, MD, FACS  
Professor, Department Of Surgery  
UT Health  
The University of Texas  
San Antonio, TX

### 830-900
**Pathophysiology and Consequences of Blood Failure**
Nathan J. White, MD, MS  
Assistant Professor of Emergency Medicine  
University of Washington  
Seattle, WA

### 900-930
**Pre-hospital Plasma and Whole Blood**
Jason L. Sperry, MD, MPH  
Assistant Professor of Surgery and Critical Care  
Department of Surgery, Division of Trauma and General Surgery  
Department of Critical Care Medicine and the Clinical and Translational Science  
University of Pittsburgh  
Pittsburgh, PA, USA

### 930-1000
**Debate: What is the Clinical Relevance of Hyperfibrinolysis?**
Hunter Moore, MD, PhD  
PGY7  
University of Colorado Department of Surgery  
Denver, Colorado USA

COL Andrew P Cap, MD PhD  
Medical Corps, US Army  
Chief, Blood Research, US Army Institute of Surgical Research  
Associate Professor of Medicine, Uniformed Services University  
Program Director, Clinical Research Fellowship | Staff Hematologist-Oncologist  
San Antonio Military Medical Center  
Texas USA

### 1000-1015
**Break**

### 1015-1045
**Risk and Benefits of Leukoreduction of Whole Blood with Platelet Sparing Filters**
Philip C. Spinella, MD, FCCM  
Professor, Pediatrics  
Director, Translational Research Program  
Division of Critical Care, Department Pediatrics  
Washington University in St Louis,  
St Louis, MO USA

### 1045-1115
**Plasma Incompatibility Risks in Patients with Blood Failure**
Mark H. Yazer, MD  
Professor of Pathology, University of Pittsburgh  
Medical Director of the RBC Serology Laboratory at the Centralized Transfusion Service (a division of the Institute for Transfusion Medicine)  
Pittsburgh, PA, USA
Debate: Should Plasma Be Used as a Volume Expander?
Donald Jenkins, MD
Vice Chair for Quality, Department of Surgery
University of Texas Health Science Center at San Antonio
San Antonio, TX USA
Simon Stanworth, MA, FRCP (Paeds, UK), PhD, FRCPath
Consultant Haematologist
NHS Blood and Transplant and Oxford Radcliffe Hospitals NHS Trust
UK

Lunch

WHAT'S COLD IS HOT

Cold Platelet Norway Trial Data
Geir Strandenes, MD
Senior Anesthetist
Dept of War Surgery and Emergency Medicine
Norwegian Armed Forces Medical Services
Bergen, Norway

Cold Platelet Storage Solutions
Jose A. Cancelas Perez, MD, PhD
Director, Research Division and Medical Director for Cell Therapies, Hoxworth Blood Center
Deputy Director, Hoxworth Blood Center
Professor, UC Department of Pediatrics
Cincinnati Children's Hospital
Cincinnati, OH, USA

Temperature Cycling of Platelets
Jaro Vostal, MD, PhD
Chief, Laboratory of Cellular Hematology, Division of Hematology (DH)
Office of Blood Research and Review (OBRR)
FDA

DEALERS CHOICE?

Fibrinogen Concentrates or 5 Day PRT Treated Cryoprecipitate
Melissa Cushing, MD
Associate Professor, Weill Cornell Medicine
New York-Presbyterian Hospital
NY, NY

Break

BLOOD FAR FORWARD

Improved Survival with Early Pre-Hospital RBC Transfusion
COL Jennifer M. Gurney, MD, FACS
Assistant Professor of Surgery, United States Uniformed Services University
US Army Joint Trauma System
USA

Advances in Oxygen Carriers
Allan Doctor, MD
Professor of Pediatrics, Critical Care Medicine
Associate Professor, Biochemistry & Molecular Biophysics
Washington University in St. Louis
St Louis, MO

DCR FOR WOMEN

Obstetric Damage Control Resuscitation
Alan Frankfurt, MD
Staff Anesthesiologist
Texas Health Resources
Future Path of the Center for Biologics Evaluation and Research at FDA

Peter Marks, MD, PhD
Director
Center for Biologics Evaluation and Research
U.S. Food and Drug Administration
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