

## NYBCe AABB 2021 Poster Schedule

Virtual Exhibit Hall: Oct 17 – 19, 12:15 – 2:15

Subject Title	ID	Authors
Investigation of Discrepant Results in Platelet Antibody Screening	P-BB-42	<b>Ellen Christenson<sup>1</sup>, Kim Greco<sup>1</sup>, Johnny Mercedes<sup>1</sup>, Eric Senaldi<sup>1</sup>, MD, and Sarai Paradiso, BS, MT(ASCP)<sup>1</sup></b> (1)Core Operations, New York Blood Center, Westbury, NY
The Role of Caveolae in Hematopoietic Stem Cell Function	P-CB-17	<b>Haidee Chen<sup>1</sup>, Daniel Jin, BS<sup>1</sup>, Christopher Hillyer, MD<sup>1</sup> and Larry Luchsinger, PhD<sup>1</sup>,</b> (1)New York Blood Center, New York City, NY
Evidence for Continued Dose Escalation of Plerixafor for Hematopoietic Progenitor Cell Collections in Sickle Cell Disease	P-CT-10	<b>Farid Boulad, MD<sup>1</sup>, Jiahao Zhang<sup>2</sup>, Karina Yazdanbakhsh, PhD<sup>3</sup>, Michel Sadelain, MD PhD<sup>1</sup> and Patricia A Shi, MD<sup>2</sup>,</b> (1)Memorial Sloan Kettering Cancer Center, New York, NY, (2)New York Blood Center, New York, NY, (3)New York Blood Center, Complement Biology Laboratory, New York, NY
Heme- and Iron-Triggered Defective Macrophage Functionality Contributes to the Pathophysiology of Hemolytic Anemias	P-HC-1	<b>Francesca Vinchi, PhD<sup>1,2</sup>, Richa Sharma, PhD<sup>1</sup>, Steven Zebulon Vance, PhD<sup>1</sup>, and Karina Yazdanbakhsh, PhD<sup>3</sup>,</b> (1)New York Blood Center, Iron Research Laboratory, New York, NY, (2)Weill Cornell Medicine, New York, NY, (3)New York Blood Center, Complement Biology Laboratory, New York, NY
A Rare KEL Compound Null Heterozygote Defines a K0Phenotype in a Patient with Anti-Ku and Discovery of a New Silenced KEL*02 in a k-Donor	P-IG-1	<b>Randall W Velliquette<sup>1</sup>, Sunitha Vege, MS<sup>1</sup>, Anna Burgos<sup>1</sup>, Coua Lee<sup>2</sup>, Christine Lomas-Francis, MSc, FIBMS<sup>1</sup>, and Connie M Westhoff, SBB, PhD<sup>1</sup>,</b> (1)Immunohematology and Genomics Laboratory, New York Blood Center Enterprises, New York, NY, (2)Immunohematology Reference Laboratory, Rhode Island Blood Center, Providence, RI
A Novel Null Allele in the P1PK System: A4GALT*02N with c.951C, Identified in Two Bangladeshi Sisters with a History of Spontaneous Abortion	P-IG-11	<b>Aline Floch, MD, PhD<sup>1,2</sup>, Judith Aeschlimann<sup>3</sup>, Jamie Chai<sup>3</sup>, Connie Cai<sup>3</sup>, Sunitha Vege<sup>1</sup>, Christine Lomas-Francis, MSc, FIBMS<sup>3</sup>, and Connie M Westhoff, SBB, PhD<sup>3</sup>,</b> (1)New York Blood Center, New York, NY, (2)Univ Paris Est Creteil, INSERM, IMRB, Créteil, France, (3)Immunohematology and Genomics Laboratory, New York Blood Center, Long Island City, NY
Four Novel RHCE Alleles Revealed By Discrepancies between Genotype and Phenotype Identification of Novel Null Alleles	P-IG-27	<b>Sunitha Vege, MS<sup>1</sup>, Aline Floch, MD, PhD<sup>2,3</sup>, Mollie Bell<sup>4</sup>, Jennifer O'Connor<sup>4</sup>, Christine Lomas-Francis, MSc, FIBMS<sup>2</sup>, and Connie M Westhoff, SBB, PhD<sup>2</sup>,</b> (1)New York Blood Center, New York, NY, (2)Immunohematology and Genomics Laboratory, New York Blood Center, Long Island City, NY, (3)UPEC, INSERM, IMRB, Etablissement francais du sang Ile-de-France, Créteil, France, (4)Hoxworth Blood Center, Cincinnati, OH
Identification of Novel ABO Variants Associated with Weak or Discrepant a Antigen Expression	P-IG-31	<b>Sunitha Vege, MS<sup>1</sup>, Erica A Swenson<sup>2</sup>, Steven Baker<sup>3</sup>, Aline Floch, MD, PhD<sup>4,5</sup>, Jamie Chai<sup>4</sup>, Meta Morrison<sup>6</sup>, Christine Lomas-Francis, MSc, FIBMS<sup>4</sup> and Connie M Westhoff, SBB, PhD<sup>4</sup>,</b> (1)New York Blood Center, New York, NY, (2)Oregon Health & Science University, Department of Pathology, Portland, OR, (3)Stanford University, Stanford, CA, (4)Immunohematology and Genomics Laboratory, New York Blood Center, Long Island City, NY, (5)UPEC, INSERM, IMRB, Etablissement francais du sang Ile-de-France, Créteil, France, (6)New York Presbyterian Hospital, New York, NY

Three New RHCE Alleles Encoding Rh Analogous Antigens	P-IG-51	<p><b>Gorka Ochoa-Garay, PhD<sup>1</sup></b>, <b>Cristine DosSantos<sup>2</sup></b>, <b>Ozgun Guner<sup>3</sup></b>, <b>Sunitha Vege, MS<sup>4</sup></b>, <b>Katie Fennell<sup>5</sup></b>, <b>Lauro Guerra<sup>6</sup></b>, <b>Aline Floch, MD, PhD<sup>4,7</sup></b> and <b>Connie M Westhoff, SBB, PhD<sup>1</sup></b>,            (1)Immunohematology and Genomics Laboratory, New York Blood Center, Long Island City, NY, (2)Elmhurst Memorial Hospital, Elmhurst, IL, (3)Turkish Red Crescent, Middle Anatolia Regional Blood Center, Ankara, Turkey, (4)New York Blood Center, New York, NY, (5)Thermo Fisher Scientific, Austin, TX, (6)Qualtex Laboratories, San Antonio, TX, (7)Univ Paris Est Creteil, INSERM, IMRB, Créteil, France</p>
A New Deletion in the KLF1 Gene Resulting in an In(Lu) Phenotype	P-IG-8	<p><b>Aline Floch, MD, PhD<sup>1,2</sup></b>, <b>Sunitha Vege, MS<sup>3</sup></b>, <b>Anna Burgos<sup>1</sup></b>, <b>Sharon Kuchma<sup>4</sup></b>, <b>Mollie Bell<sup>4</sup></b>, <b>Christine Lomas-Francis, MSc, FIBMS<sup>1</sup></b> and <b>Connie M Westhoff, SBB, PhD<sup>1</sup></b>,            (1)Immunohematology and Genomics Laboratory, New York Blood Center, Long Island City, NY, (2)UPEC, INSERM, IMRB, Etablissement francais du sang Ile-de-France, Créteil, France, (3)New York Blood Center, New York, NY, (4)Hoxworth Blood Center, Cincinnati, OH</p>
Process and Procedural Adjustments to Improve CD34+ Collection Efficiency of Hematopoietic Progenitor Cell Collections in Sickle Cell Disease	P-NI-20	<p>Scott Avecilla, MD, PhD<sup>1</sup>, Farid Boulad, MD<sup>1</sup>, <b>Karina Yazdanbakhsh, PhD<sup>2</sup></b>, Michel Sadelain, MD, PhD<sup>1</sup> and <b>Patricia A Shi, MD<sup>3</sup></b>,            (1)Memorial Sloan Kettering Cancer Center, New York, NY, (2)New York Blood Center, Complement Biology Laboratory, New York, NY, (3)New York Blood Center, New York, NY</p>
Case Report of Rare Early Refractory Thrombocytopenia Due to HLA Alloimmunization in a Child with Digeorge Syndrome	P-TS-17	<p><b>Nancy L Van Buren, MD<sup>1,2</sup></b>, Michael Sprehe, MD<sup>2</sup>, Damon Olson, MD<sup>2</sup>, <b>Adam Imbryk<sup>3</sup></b>, Sandra Cassidy<sup>2</sup>, Manar Abdalgani, MBBS<sup>2</sup> and <b>Jed B Gorlin, MD, MBA<sup>1,2</sup></b>,            (1)Innovative Blood Resources, division of New York Blood Center, St. Paul, MN, (2)Children's Minnesota, Minneapolis, MN, (3)Innovative Blood Resources, St. Paul, MN</p>

V2: 09-20-2021