



ASEA 2022
PHILADELPHIA, PA
MAY 4-6, 2022

PRELIMINARY PROGRAM

MAY 4-6, 2022
PHILADELPHIA, PA

Preliminary Program

Pre-conference – Tuesday, May 3, 2022

8:00am – 5:00pm	FACT Cellular Therapy Inspection & Accreditation Collection Workshop (Applicant Session) (Pre-registration with FACT and additional registration fees required) <i>Room: Salon 3, 4</i>	
8:00am – 5:00pm	FACT Cellular Therapy Collection Inspection & Accreditation Workshop (Inspector Track) (Pre-registration with FACT and additional registration fees required) <i>Room: Salon 5, 6</i>	
8:00am – 3:00pm	ASFA Board of Directors Meeting (By invitation only) <i>Room: Horizons</i>	
3:00pm – 6:00pm	Meeting Registration (Room: Liberty Ballroom Foyer)	
3:00pm – 6:00pm	Speaker Services (Room Salon 9)	
4:30pm – 6:30pm	Journal of Clinical Apheresis Editorial Board Meeting (By invitation only) <i>Room: Horizons</i>	
7:00pm – 10:00pm	ASFA Board of Directors Dinner (By invitation only) <i>Location: Offsite</i>	

Day 1 – Wednesday, May 4, 2022

Time	Live Sessions	Speakers
8:00am – 4:30pm	<i>Room: Liberty A</i> Exhibit Hall Move In	
10:00am – 6:00pm	Meeting Registration (Room: Liberty Ballroom Foyer)	
10:00am – 6:00pm	Speaker Services (Room Salon 9)	
11:00am – 12:30pm	<i>Room: Liberty B</i> Corporate Lunch Symposium - Terumo Blood and Cell Technologies (Open to all registered delegates)	
1:00pm – 1:30pm	<i>Room: Liberty B</i> Opening Remarks Awards Presentation	ASFA President, Walter Linz, MD, MBA & ASFA President-Elect and Organizing Chair, Yara Park, MD ASFA Awards Committee Chair, Yvette Miller, MD, ABIHM

1:30pm – 3:00pm	<i>Room: Liberty B</i> Opening Symposium: The Role of Apheresis in Curative Therapies for Hemoglobinopathies Chairs: Nicole Aquil, MD & Suzanne Thibodeaux, MD, PhD		
	1:30pm – 2:00pm	Cell Therapy for Hemoglobinopathies – Past, Present and Future	John Tisdale, MD
	2:00pm – 2:30pm	HPC Collections in the Setting of Cellular Therapy for Hemoglobinopathies	John Manis, MD
	2:30pm – 3:00pm	RBC Exchange in Setting of Cellular Therapy for Hemoglobinopathies	Yvette Tanhehco, MD, PhD, MS
3:00pm – 3:30pm	<i>Room: Liberty Ballroom Foyer</i> Break in Foyer		
3:30pm – 4:45pm – Concurrent Session	<i>Room: Liberty B</i> Opening Symposium (Continued)		
	3:30pm – 4:00pm	The Importance of Patient Advocacy in Cellular Therapy for Hemoglobinopathies	Adrienne Bell-Cors Shapiro
	4:00pm – 4:30pm	A CRISPR Focus Into the Attitudes and Beliefs of Sickle Cell Patients, Parents, and Providers Towards Gene Editing	Anitra Persaud, BA
	4:30pm – 4:45pm	Q&A and Open Discussion	
3:30pm – 4:45pm – Concurrent Session	<i>Room: Liberty D</i> Education Session I: Donor Apheresis Chair: Antonia Hagen-Coonradt, BSB 1. Introduction of a New Apheresis Product during a Pandemic (US Experience) 2. Introduction of a New Apheresis Product during a Pandemic (European Experience) 3. Diversity in Donor Apheresis		Gracie Arellano, RN, BSN Annemieke de Fijter, CIM Yvette Miller, MD, ABIHM
4:30pm – 5:30pm	<i>Room: Liberty Ballroom Foyer</i> Poster Move In		
5:15pm – 6:00pm	<i>Room: Liberty B</i> Francis S. Morrison, MD Memorial Lecture Chair: Antonia Hagen-Coonradt, BSB We are pleased to honor Marisa B. Marques, MD as this year's recipient of the Francis S. Morrison, MD Memorial Lecture Award. How I Used The Tools That ASFA Gave Me To Give Back		Marisa B. Marques, MD

6:00pm – 7:00pm	<i>Room: Liberty D</i> New Member and First Time Attendee Meet and Greet	
6:00pm – 7:00pm	<i>Room: Liberty C</i> Qualification in Apheresis (QIA) Recognition Reception	
7:00pm – 9:00pm	<i>Room: Liberty A & Liberty Ballroom Foyer</i> Welcome Reception in Exhibit & Poster Hall Please join us for a drink, hors d'oeuvres, and to network with your colleagues!	
8:00pm – 10:00pm	ASFA Past Presidents' Dinner (<i>By invitation only</i>) <i>Location: Offsite</i>	

Day 2 – Thursday, May 5, 2022

Time	Live Sessions	Speakers
7:00am – 5:30pm	Meeting Registration (<i>Room: Liberty Ballroom Foyer</i>)	
7:00am – 5:30pm	Speaker Services (<i>Room: Salon 9</i>)	
7:00am – 8:45am	<i>Room: Liberty Ballroom Foyer</i> Continental Breakfast	
7:30am – 8:30am	<i>Room: Liberty C</i> Expert Lounges (first-come, first-served – arrive early for your favorite topic!) Join us for roundtable discussions with experts in the field on the topics below. Chairs: Kira Geile, RN, CPNP, Cheryl Pacheco, BSN, RN, CPN, QIA, & Peggy Reid, RN, QIA	
	Apheresis Donor Retention Programs	David Oh, MD
	How to Communicate and Comply with Multiple Clinical Trials	SuzanneThibodeaux, MD, PhD
	Regulatory & Financial Aspects of Immune Effector Cell Collections	Nicole Aqui, MD
	Qualification in Apheresis: Questions and Answers	Chrissy Anderson, RN, BSN, HP(ASCP)
	Role of Advanced Practice Provider	Amelework Wodajo, M.S.N, APRN, AGACNP-BC
	Elements of the Apheresis Medicine Consultation	Walter Linz, MD, MBA
	Management of Mobile Apheresis Programs	Peggy Reid, RN, QIA
	The Role of ASFA in Promoting Equity and Diversity in Apheresis Medicine: Let's Get Started!	Yvette Miller, MD & Michael Linenberger, MD
	ECP Challenges	Phillip DeChristopher, MD, PhD
	Pediatric HPC, MNC, & CART-T	Maria Di Mola, RN M.Ed

	MNC Collections – Time to Cure Sickle Cell Disease		Cheryl Pacheco, BSN, RN, CPN, QIA
	Calcium Supplementation Practices		Andrew Nord, PA-C, MT(ASCP), QIA
	ASFA Choosing Wisely Champions		Ileana Lopez-Plaza, MD
8:15am – 8:45am	Room: Salon 3, 4 Diversity, Equity, and Inclusion Coffee and Conversation		
8:45am – 10:15am – Concurrent Session	Room: Liberty B Scientific Symposium: Therapeutic Plasma Exchange in Non-TTP Prothrombotic Disorders: Looking through the Lens of ADAMTS13-von Willebrand Factor Axis Chair: Edward Wong, MD		
	8:45am – 9:25am	Basic Science of the Interaction Between ADAMTS13 and von Willebrand Factor	Jamie O’Sullivan, PhD
	9:25am – 10:05am	ADAMTS13-von Willebrand Factor Axis in the Development of Sepsis with Multiorgan Failure	Trung C. Nguyen, MD
	10:05am – 10:15am	Q&A and Open Discussion	
8:45am – 10:15am – Concurrent Session	Room: Liberty D Education Session II: Research in Apheresis Chair: Cheryl Pacheco, BSN, RN, CPN, QIA 1. You Need Research and Research Needs You 2. State of Practice for the Care and Maintenance of Apheresis Ports		DaiWai M. Olson, PhD, RN, FNCS Kaitlin Paine, BSN, RN, CPN
10:00am – 6:30pm	Room: Liberty A Exhibit Hall Open		
10:15am – 10:45am	Room: Liberty A & Liberty Ballroom Foyer Break in Exhibit & Poster Hall		
10:45am – 12:15pm – Concurrent Session	Room: Liberty B Scientific Symposium (Continued)		
	10:45am – 11:25am	Role of Therapeutic Plasma Exchange in COVID-19	Phillip Keith, MD & Joe Carcillo
	11:25am – 12:05pm	Alterations in the ADAMTS13-von Willebrand Factor Axis in Heparin Induced Thrombocytopenia	X. Long Zheng, MD, PhD
	12:05pm – 12:15pm	Q&A and Open Discussion	
10:45am – 12:15pm – Concurrent Session	Room: Liberty D Education Session III: Joint AABB/ASFA Session Challenging Donor and Therapeutic Apheresis Consults from Clinical and Ethical/ Legal Perspectives Chairs: Joseph Schwartz, MD, MPH & Sarita Joshi, MBBS, MD		

	1. How to Handle Therapeutic Apheresis Consults, Especially When Therapeutic Procedure is Not Indicated 2. Challenging Apheresis Cases: Working Through It 3. Ethical and Legal Issues in Apheresis	Huy P. Pham, MD, MPH Monika Paroder, MD, PhD James Mills Barbeau, MD, JD
12:30pm – 1:30pm	<i>Room: Liberty C</i> Corporate Lunch Symposium – Alexion (Open to all registered delegates)	
12:30pm – 1:30pm	<i>Room: Liberty A</i> Lunch in Exhibit Hall	
12:30pm – 1:30pm	<i>Room: Salon 3, 4</i> Committee Chairs Meeting with the Board (By invitation only)	
1:45pm – 3:15pm	<i>Room: Liberty B</i> Education Session IV: Vascular Access – Tips and Tricks Chairs: Betty Doggett, AT(ASCP) & Alicia Garcia, RN, HP(ASCP) This lively session seeks to provide tools for improving and standardizing venous access for apheresis through interactive learning. Experts will demonstrate on ultrasound guided and standard peripheral IV access and tools such as infrared vein viewing. Topics will also include techniques for accessing implantable ports, and tips for managing central venous catheters. • Powerflow Ports • Standard Double Lumen Port • Ultrasound Guided Venous Access • Peripheral Access • Central Line Access	Jill Adamski, MD, PhD Sonja Vozniak, RN, BSN James West, BBA, BSN, RN, QIA (ASCP) Peggy Reid, RN, QIA(ASCP) Joan Hidalgo, RN, BScN, MAEd & Maria Di Mola, RN M.Ed.
3:15pm – 3:45pm	<i>Room: Liberty A & Liberty Ballroom Foyer</i> Break in Exhibit & Poster Hall	
3:45pm – 5:15pm – Concurrent Session	<i>Room: Liberty D</i> Abstract Session: Donor Apheresis	
	3:45pm – 4:00pm Blood Volume Processed Cannot Be Effectively Used as A Collection Endpoint When Collecting PBMCS From Healthy Donors	Laurie J Sutor MD, MBA
	4:00pm – 4:15pm Implementation Of a Systematic Grid- And Checklist-Based System to Reduce Error and Achieve Therapeutic Goals in Apheresis MNC Collection Procedures	Tamarah Kent, BSN, RN
	4:15pm – 4:30pm Harvesting Stem Cells in An Extreme Small Child Using Whole Blood Exchange and Erythrocyte Depletion with The Optia™	Volker Witt, MD
	4:30pm – 4:45pm Transplant Recipient Factors Impacting the Development of Thrombocytopenia in Matched	Laura Cooling, MD, MS

		Related Stem Cell Donors: An ASFA HPC Donor Safety Study	
	4:45pm – 5:00pm	Filgrastim Injections Performed by Allogeneic Donors in Preparation for Hematopoietic Progenitor Cell Collections Are Safe and Effective - A Single Center Study	Hannah A Erskine, MSN, RN-BC
	5:00pm – 5:15pm	Increased Inlet Flow Rate Is Associated with Reduced Catheter-Related Complications in Pediatric Patients Undergoing Mononuclear Cell Collection for Chimeric Antigen Receptor T Cell (CAR-T) Therapy	Christine C. Atik, BS
3:45pm – 5:15pm – Concurrent Session	<i>Room: Liberty B</i> Education Session V: ASFA Forum Live – Ask the Experts Chairs: Maria Di Mola, RN M.Ed. & Peggy Reid, RN, QIA(ASCP) The ASFA Online Discussion Forum is a networking resource to query the community on common practices and challenges related to apheresis. Join us for a live discussion with panelists from various backgrounds and institutions answering audience questions. • Adult Therapeutics • Pediatric Therapeutics and Collections • Donor Apheresis • Cellular Therapy • Quality and Research		James West, BBA, BSN, RN, QIA (ASCP) & Andrew Nord, PA-C, MT(ASCP), QIA Cheryl Pacheco, BSN, RN, CPN, QIA & Joan Hidalgo, RN, BScN, MAEd© Yvette Miller, MD Suzanne Thibodeaux, MD Nicole Aqui, MD
5:30pm – 6:30pm	<i>Room: Liberty A & Liberty Ballroom Foyer</i> Poster Networking Evening in Exhibit & Poster Hall Please join us for a drink, hors d'oeuvres, and to visit the abstract posters.		
7:30pm – 9:30pm	ASFA 2022 Reception at the Mutter Museum (Pre-registration with ASFA required) <i>Location: Mutter Museum</i>		

Day 3 – Friday, May 6, 2022

Time	Live Sessions	Speakers
7:00am – 5:00pm	Meeting Registration (Room: Liberty Ballroom Foyer)	

7:00am – 5:00pm	Speaker Services (Room: Salon 9)		
7:00am – 8:45am	<i>Room: Liberty Ballroom Foyer</i> Continental Breakfast		
7:30am – 8:30am	<i>Room: Liberty C</i> Expert Lounges (first-come, first-served – arrive early for your favorite topic!) Join us for roundtable discussions with experts in the field on the topics below.		
	Chairs: Kira Geile, RN, CPNP, Cheryl Pacheco, BSN, RN, CPN, QIA, & Peggy Reid, RN, QIA		
	Communication with Referring Services Providers	Yara Park, MD & Suzanne Thibodeaux, MD, PhD	
	Quality and Apheresis: Cell Therapy	Alicia Garcia, RN, HP(ASCP)	
	Telemedicine and Apheresis	Jan Hofmann, MD, MPH, MSc	
	TPE For Immunologic Disorders	William (Nick) Rose, MD & Sarita Joshi, MD	
	RBCx Program for SCD Patients: Education, Working with the Physician's Office, Orders, Port Access, Exchange Only vs. Exchange/Depletion	David Friedman, MD	
	Staff Training and Competency	Leah Irwin, RN, MSN, CRNP, MBA	
	Immunotherapy and the Collection of the Unstimulated Donor	Brenda Strzempkowski-Brun, RN	
	Apheresis and ECMO or Other Tandem Procedures	Cheryl Pacheco, BSN, RN, CPN, QIA	
	Pediatric Therapeutic Apheresis (TPE, RBCx, photo)	Kira Geile, RN, CPNP	
	ECP Treatment Schedule	Jill Adamski, MD	
	Use of LDL Apheresis in FSGS: The Nursing Perspective	Joan Hidalgo, RN, BScN, MAEd@	
	ASFA Choosing Wisely Champions	Michael Linenberger, MD	
8:45am – 10:15am – Concurrent Session	<i>Room: Liberty B</i> Plenary Abstract Session * denotes an award winner		
	8:45am – 9:00am*	The First Report of The American Society for Apheresis Focal Segmental Glomerulosclerosis Multi-Institutional Registry	Poyyapakkam Srivaths, MD, MS
	9:00am – 9:15am*	Outcomes Of Heparin-Induced Thrombocytopenia (HIT) Treated with Therapeutic Plasma Exchange: First Report of The ASFA HIT Registry	Oluwatoyosi Onwuemene, MD, MS
	9:15am – 9:30am	Vascular Age in Patients with Severe Hypercholesterolemia Treated with Lipoprotein Apheresis	Maya Safarova, MD, PhD

	9:30am – 9:45am	Poor Mobilization and Plerixafor Use in Matched Related Peripheral Blood Stem Cell Donors; A Multi-Institutional ASFA HPC Donor Safety Study	Laura Cooling, MD, MS
	9:45am – 10:00am	Plasma Adsorption Column Treatment in Critically Ill COVID-19 Patients: A One-Year Update	Christopher Webb, MD
	10:00am – 10:15am	Endovascular Arteriovenous Fistula as Preferred Advanced Access for Apheresis: Case Series	Gustaaf de Ridder, MD, PhD
8:45am – 10:15am – Concurrent Session	Room: Liberty D Education Session VI: Therapeutic Apheresis Chair: Brianna Cunigan, MSN, RN 1. <i>Managing TPE in a High Acuity Setting: Multi-circuits/Peds & Technical Aspects of Multi-circuit</i> 2. <i>Outside the Room Apheresis</i>		Daniel Noland, MD, FCAP & Pam Malvern, BSN, RN, CNN, QIA Chelsea Reyes, RN
10:00am – 4:30pm	Room: Liberty A Exhibit Hall Open		
10:15am – 10:45am	Room: Liberty A & Liberty Ballroom Foyer Break in Exhibit & Poster Hall		
10:45am – 12:15pm – Concurrent Session	Room: Liberty B Abstract Session: Therapeutic Apheresis <i>* denotes an award winner</i>		
	10:45am – 11:00am	Impact On Blood and Cerebrospinal Fluid Composition of Conventional and Low-Volume Plasma Exchange with Albumin Replacement in Patients with Mild-To-Moderate Alzheimer's Disease. The AMBAR Study Follow Up	Zbigniew Szczepiorkowski, MD, PhD
	11:00am – 11:15am*	The Use of Therapeutic Plasma Exchange for Treatment of Cast Nephropathy	Nnaemeka Ibeh, DO, MS, MLS(ASCP) ^{CM}
	11:15am – 11:30am	Safety And Effectiveness of Plasma Exchange with Albumin Replacement in Alzheimer's Disease: A Real-World Evidence at Ace AMBAR Center Barcelona	Mercè Boada, MD, PhD
	11:30am – 11:45am	Single Needle Option: An Alternative to Dual-Needle Access in Erythrocytapheresis in Patients with Sickle Cell Disease	Kerry McGowan, MD
	11:45am – 12:00pm*	Therapeutic Plasma Exchange in The Management of Stiff Person Syndrome Spectrum Disorders: A Case Series and Review of The Literature	Nicolas Mercure-Corriveau, MD
	12:00pm – 12:15pm	SARS-COV-2 Antibody Levels Following mRNA BNT162B2 Vaccination Among Patients Treated with Plasma Exchange	Vered Yahalom, MD
10:45am – 12:15pm – Concurrent Session	Room: Liberty D Education Session VII: Program Management and Professional Development		

	Chair: Brianna Cunigan, MSN, RN 1. <i>Retention & Operations during a Staffing Shortage</i> 2. <i>Team Building and Organization Structure, Staff Training and Competency</i> 3. <i>Staff Financial Support- QIA and Travel</i> 4. <i>Adding New Technologies and New Techniques</i>		Margo Rollins, MD Leah Irwin, RN, MSN, CRNP, MBA & Brooke McDonnell Tomas Armendariz, BSN, RN, QIA(ASCP) Maria Di Mola, RN, M.Ed.
12:15pm – 1:30pm	Room: Liberty C Committee Meetings <i>*New members welcome!</i>		
12:15pm – 1:30pm	Room: Liberty A Lunch in Exhibit Hall		
1:45pm – 2:30pm	Room: Liberty B Annual Business Meeting Join us for coffee and dessert and to learn more about ASFA's activities, financials and leadership.		
2:45pm – 3:45pm – Concurrent Session	Room: Liberty B Closing Symposium: Novel Indications and Modifications for Therapeutic Apheresis Chairs: Nick Rose, MD & Suzanne Thibodeaux, MD, PhD		
	2:45pm – 3:15pm	The Role of Therapeutic Apheresis in Drug Overdose	Robert S. Hoffman, MD
	3:15pm – 3:45pm	The Role of Therapeutic Plasma Exchange in Sickle Cell Disease	Patricia Shi, MD
2:45pm – 3:45pm – Concurrent Session	Room: Liberty D Education Session VIII: Member Proposal Chair: Kira Geile, RN, CPNP <i>Management of Hemostasis and Therapeutic Plasma Exchange</i>		Nicole Zantek, MD Oluwatoyosi Onwuemene, MD, MS
3:45pm – 4:15pm	Break in Exhibit & Poster Hall		
4:00pm – 5:00pm	Penn Medicine Cellular Therapy Program Tour for ASFA Delegates <i>(Pre-registration with ASFA required)</i> <i>Location: Offsite, Meet in Hotel Lobby at 3:45pm</i>		
	Room: Liberty B Closing Symposium (Continued)		

4:15pm – 5:15pm – Concurrent Session	4:15pm – 4:45pm	Role of Therapeutic Plasma Exchange to Preserve Renal Function	Joshua Zaritsky, MD, PhD
	4:45pm – 5:00pm	Clinical Benefit of Lipid-apheresis Therapy for Patients with Cardiovascular Disease and Elevated Lp(a) Irrespective of Baseline LDL-C levels	Patrick M. Moriarty, MD
	4:45pm – 5:15pm	Q&A and Open Discussion	
4:15pm – 5:15pm – Concurrent Session	<i>Room: Liberty D</i> Education Session IX: Quality Chair: Tomas Armendariz, BSN, RN, QIA(ASCP) 1. Therapeutic 2. Cell Therapy		Laura Collins, RN, BSN, HP(ASCP) Huy P. Pham, MD, MPH
4:15pm – 4:30pm	<i>Room: Liberty Ballroom Foyer</i> Poster Move Out		
4:30pm – 8:00pm	<i>Room: Liberty A</i> Exhibit Hall Move Out		
5:15pm – 6:00pm	Post-conference ASFA Board of Directors Meeting (By invitation only)		

POSTER ABSTRACT LISTINGS

Abstract Number	Abstract Title * denotes an award winner ** denotes only available digitally post-conference	Presenter
P-1	A CASE OF RAPIDLY PROGRESSING WEAKNESS WITH MYASTHENIA GRAVIS REFRACTORY TO PLASMA EXCHANGE	Tien Nguyen, MD
P-2	THROMBOCYTAPHERESIS FOR ATYPICAL CHRONIC MYELOID LEUKEMIA	Mischa L. Covington, MD, PhD
P-3	FOUR-YEAR DONOR CENTER EXPERIENCE WITH GCSF AND DEXAMETHASONE-STIMULATED GRANULOCYTE COLLECTIONS	Robert Bubar, MD
P-4	TPE AS PART OF A MULTIMODALITY REGIMEN TO MANAGE MATERNAL ALLOIMMUNIZATION TO THE HIGH INCIDENCE U BLOOD GROUP ANTIGEN	Jessica Zehner, BSN
P-5**	FIVE YEARS RETROSPECTIVE ANALYSIS OF THERAPEUTIC PLASMA EXCHANGE IN A TERTIARY CARE CENTER FROM BANGLADESH	Tamanna Afroz
P-6	APHERESIS OF HEMATOPOIETIC STEM CELLS IN CHILDREN WITH SOLID TUMORS - SINGLE CENTER EXPERIENCE	Biljana M. Andrić
P-7	ASSESSING THE RELATIONSHIP BETWEEN AGE OF RED BLOOD CELL UNITS AND CHANGE IN HEMOGLOBIN S AFTER RBC EXCHANGE IN SICKLE CELL PATIENTS: DOES AGE OF UNITS ULTIMATELY MATTER?	Jason Hwang, MD
P-8	THE EFFECT OF HEMATOCRIT OF RBC UNIT ON POST-PROCEDURE HEMATOCRIT FOR AUTOMATED RBC EXCHANGE	Chisa Yamada, MD
P-9	ACTIVE SHOOTER INCIDENT PREPAREDNESS FOR THE APHERESIS SERVICE	Julie K. Karp, MD
P-10	STATE OF THE PRACTICE: CARE AND MAINTENANCE OF APHERESIS GRADE PORT-A-CATHETERS	Kaitlin Paine, BSN, RN, CPN
P-11	A STANDARDIZED DATA COLLECTION RESOURCE FOR APHERESIS: A REPORT FROM THE APHERESIS IN THE US (APHERESUS) CONSENSUS PANEL	Andrew Johnson, MD
P-12	CONFRONTING CHALLENGES OF RBC PRIMING ON THE THERAKOS CELLEX PHOTOPHERESIS SYSTEM IN THE PEDIATRIC POPULATION.	Aleh Bobr, MD
P-13*	IT'S A COIN TOSS: AN ALTERNATIVE APPROACH TO ECP DURING THE COVID-19 PANDEMIC	Jerel Lee S. Malong, RN, QIA
P-14	RESCUE ATTEMPT USING THERAPEUTIC PLASMA EXCHANGE IN A 35-YEAR-OLD PATIENT WITH COVID-19 ASSOCIATED ACUTE TRANSVERSE MYELITIS PRESENTING AS MYOCLONUS	Lisa Shrage, RN, QIA

P-15	FROZEN IN TIME- TOO MUCH PRODUCT; TOO LITTLE STORAGE; SO LITTLE TIME	Carmel Sergio, BSc
P-16**	USE OF THERAPEUTIC PLASMA EXCHANGE IN A PATIENT WITH AUTOIMMUNE ENCEPHALITIS WITH ABNORMAL MOVEMENTS AND ELEVATED ONCONEURAL ANTIBODIES	Jamie Shah, DO
P-17	CRITICALITY OF DOCUMENT INTEGRITY IN PROVISION OF RAW MATERIAL FOR CELL AND GENE THERAPY MANUFACTURING.	Erin Schaller, BSc
P-18	FRESH FROZEN PLASMA AS A SUBSTITUTE FOR LOW-DOSE INTRAVENOUS IMMUNE GLOBULIN TO PREVENT HYPOGAMMAGLOBULINEMIA POST-THERAPEUTIC PLASMA EXCHANGE	Brittney Thiele
P-19	PREDICTING HEMATOPOIETIC STEM CELL (HSC) COLLECTION EFFICIENCY OF LARGE VOLUME LEUKAPHERESIS PROCEDURES USING SUBGROUP ANALYSES	Kai J. Rogers, MD, PhD
P-20	RECURRENT THROMBOTIC THROMBOCYTOPENIC PURPURA NOT RESPONDING TO PLASMA EXCHANGES AND REQUIRING CAPLACIZUMAB: A CASE REPORT	Jane C. Huang, MD
P-22	ANEMIA IN CHRONIC APHERESIS PATIENTS SHOULD NOT BE IGNORED	Gustaaf de Ridder, MD, PhD
P-23	INTRA-INSTITUTIONAL TELAPHERESIS: SUCCESSFUL ADAPTATION TO PANDEMIC AND GEOGRAPHIC PRESSURES	Melodie Barillaro, RN
P-24	THE EVOLUTION OF AN APHERESIS SERVICE: A PARTNERSHIP WITH THE BLOOD BANK TO SERVE THE UNDERSERVED	Brooke Bartow, MD
P-25	HIV-ASSOCIATED THROMBOTIC THROMBOCYTOPENIC PURPURA IN SOUTH AFRICA IN 2021	Tanya N. Glatt
P-26	REPLACEMENT FLUID SELECTION DURING THERAPEUTIC PLASMA EXCHANGE IN CARDIAC TRANSPLANT PATIENTS	Alexandre Soares Ferreira Júnior, MBBS, MD
P-27**	CLINICAL IMPACT OF UNANTICIPATED HEMOGLOBIN C TRAIT RBC UNITS ADMINISTERED DURING RED CELL EXCHANGE	Mariama Evans, MD
P-28	ALLIANCES AND CHALLENGES OF A COMMUNITY BLOOD CENTER MOBILE APHERESIS PROGRAM PROVIDING CARE FOR DONORS AND PATIENTS DURING COVID-19	Betty Doggett, AT(ASCP)
P-29	THE EFFECTS OF PULSED THERAPEUTIC PLASMA EXCHANGE ON GASTROINTESTINAL SYMPTOMS IN LIMITED SYSTEMIC SCLEROSIS: A CASE SERIES	Edward S. Harris, MS
P-30	SIGNIFICANT IMPROVEMENT IN COLLECTION EFFICIENCY BY ADJUSTMENT OF THE COLLECT PUMP FLOW RATE	Danielle Garrity, RN
P-31**	THERAPEUTIC PLASMA EXCHANGE IN FULMINANT HEPATIC FAILURE DUE TO MUSHROOM POISONING	Hong Hong, MD, PhD
P-32	ADAPTING THERAPEUTIC APHERESIS FOR PATIENTS IN AIRBORNE ISOLATION: INNOVATION IN TIMES OF UNCERTAINTY	James West, BSN, RN, QIA
P-33	EXTRACORPOREAL PHOTOPHERESIS: A CASE OF GRAFT-VERSUS-HOST DISEASE AND HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS FOLLOWING LIVER TRANSPLANTATION	Zhengfan Xu
P-34	ACCESS OF LAST RESORT: USE OF POPLITEAL VEIN FOR TANDEM PROCEDURES	Tomas Armendariz, BSN, RN, QIA
P-35	SUCCESSFUL APPLICATION OF THE AMICUS TPE PROCEDURE IN VETERINARY PATIENTS (2.8-38 KG)	JD Foster, VMD, MS, DACVIM (SAIM)
P-36	FACTORS CONTRIBUTING TO DELAYS IN THERAPEUTIC APHERESIS PROCEDURES AND THEIR COST ANALYSIS	Fnu Raja, MD
P-37	IRON DEFICIENCY ANEMIA IN PATIENTS UNDERGOING EXTRACORPOREAL PHOTOPHERESIS FOR CUTANEOUS T-CELL LYMPHOMA, AND SOLID ORGAN TRANSPLANT REJECTION	Amelework Wodajo, MSN, APRN, CCRN, AGACNP-BC
P-38	OLDER ADULTS CAN BE SUCCESSFUL ALLOGENEIC HEMATOPOIETIC PROGENITOR CELL DONORS	Sohaila J. Soltani
P-39	EFFECTIVE (~ 50%) CYTOREDUCTION BY A SINGLE LEUKOCYTAPHERESIS WITHOUT HES, IN A PEDIATRIC CML CASE WITH GRANULOCYTIC HYPERLEUKOCYTOSIS	Emily Spangler, RN, BSN
P-40	ASSESSMENT OF A QUALITY IMPROVEMENT CHRONIC RED CELL EXCHANGE PROGRAM FOR PATIENTS WITH SICKLE CELL DISEASE AT A LARGE, TERTIARY MEDICAL CENTER	Alesia Kaplan, MD
P-42	FILTER AGGREGATE FORMATION AFTER USING DEXTRAN 40 ALTERNATIVE STEM CELL WASHING SOLUTION	Jordan Abel, MTR(ASCP)(AAB)
P-43	EXTRACORPOREAL PHOTOPHERESIS UTILIZATION AND RESPONSE IN PATIENTS WITH CUTANEOUS T-CELL LYMPHOMA: A RETROSPECTIVE MEDICAL CHART REVIEW	Xingyue Huang, PhD
P-44**	THERAPEUTIC PLASMA EXCHANGE FOR SEPSIS DUE TO MENINGOCOCCEMIA	Saqib Alvi, MD
P-45**	EXTRACORPOREAL PHOTOPHERESIS UTILIZATION AND RESPONSE IN PATIENTS WITH CHRONIC GRAFT VS. HOST DISEASE: A RETROSPECTIVE MEDICAL CHART REVIEW	Hrishikesh Kale
P-46	SPLENECTOMY AS THERAPEUTIC APPROACH TO IMPROVE PRE-PROCEDURE HEMATOCRIT AND RBC SURVIVAL IN CHRONIC RBC EXCHANGE PATIENTS	Aleh Bobr, MD
P-47	PANDEMIC PRICING: HOW ARIZONA'S LARGEST HOSPITALS CHARGE FOR APHERESIS PROCEDURES	Laura D. Stephens, MD
P-48	THE VOLUME OF RED BLOOD CELLS IN THE APHERESIS PRODUCT CORRELATES WITH THE NUMBER OF HEMATOPOIETIC PROGENITOR CELLS	Amy Nails, RN, BSN

P-49	DEVELOPMENT OF A "POST-PROCEDURE PLATELET PREDICTION TOOL" TO PROTECT ALLOGENEIC STEM CELL DONORS FROM CLINICALLY- RELEVANT THROMBOCYTOPENIA	Patricia A. Brunker, MD, DPhil
P-50	TIMING OF COLLECTION POST G-CSF ADMINISTRATION AND ITS RELATION TO COLLECTION EFFICIENCY IN ALLOGENEIC HEMATOPOIETIC PROGENITOR CELL COLLECTIONS	Ammar Aliuddin, MD
P-51**	USING THERAPEUTIC PLASMA EXCHANGE IN HEPARIN INDUCED THROMBOCYTOPENIA TO ALLOW A PATIENT TO BE PLACED ON THE LUNG TRANSPLANT LIST	Andrew Berman, MD
P-52**	EFFECT OF THERAPEUTIC PLASMA EXCHANGE ON KIDNEY BIOPSY-PROVEN ANCA-ASSOCIATED VASCULITIS WITHOUT DIFFUSE ALVEOLAR HEMORRHAGE	Mariama Evans, MD
P-53	THE IMPACT OF PREEMPTIVE PLERIXAFOR ON HEMATOPOIETIC STEM CELL COLLECTION REQUIRED FOR AUTOLOGOUS TRANSPLANT: A SINGLE CENTER EXPERIENCE	Victoria F. Osgood, RN, BSN, CNN, CCRN, QIA
P-54	COMPARATIVE STUDY BETWEEN THE YIELD OF PLATELET PROGRAMMED IN THE CELL SEPARATOR AND THE YIELD OBTAINED BY QUALITY CONTROL IN THE CONCENTRATES OF PLATELET OBTAINED BY AFHERESIS IN INEN, LIMA-PERU	Silvana Munayco, MT
P-55**	URGENT LEUKOCYTAPHERESIS FOR SYMPTOMATIC HYPERLEUKOCYTOSIS IN ACUTE LEUKEMIA: IS IT HELPING?	Erin Garrett
P-56	SEASONAL DISTRIBUTION AND CLIMATE ASSOCIATION OF SEVERE ADAMTS13 DEFICIENT IDIOPATHIC THROMBOTIC THROMBOCYTOPENIC PURPURA IN NORTHEAST OHIO	Eric Xiangrong He