



ACADEMIC PROGRAM

MAY 4-6, 2022
PHILADELPHIA, PA

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WELCOME FROM THE PRESIDENT

On behalf of the ASFA Board of Directors, I am pleased to welcome you to our Society's 43rd Annual Meeting. The great news is that the meeting is in person again!

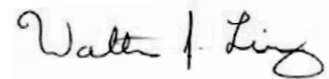
This past year has highlighted the central role of apheresis technologies in the midst of a challenging pandemic for both a wider array of therapeutic purposes and for essential donor collection activities buoying up a strained blood supply. As was the theme of the ASFA scientific symposium in 2021 jointly created with the International Society of Apheresis (ISFA), these are not static technologies, but rather developing technologies with even greater clinical potential. That potential is being unlocked everyday around the world by scientists, engineers, apheresis operators, nurses, technologists, physicians and the recipients of these collection and therapeutic modalities.

We have also had the opportunity this year to further refine our ability to work virtually. For ASFA, that took the form of a single day Fall virtual meeting in lieu of a regional meeting. For others, it took the form of telemedicine applications to their practice – Telapheresis. Though powerful – these are supplemental approaches requiring further refinement and thoughtful design and cannot fully replace in person interaction.

Hence, we are excited to meet again in person as the Organizing Committee has produced an excellent program this year with a wide-ranging selection of topics, reaffirming ASFA's mission to "advance apheresis medicine for patients, donors and practitioners through education, evidence-based practice, research and advocacy".

This will be both an in person meeting familiar to us all and at the same time will bring something new in terms of delivery, an on-demand option, and of course new content. Thank you Dr. Park and the entire Organizing Committee!

As I close, I want to also recognize that this has been a very difficult period in our collective history. We all know friends, neighbors, patients, and colleagues who have been harmed both by the pandemic and/or reactions to the pandemic. It is fitting that we meet in the city of brotherly love. With renewal of our collegial and personal friendships, I hope we take this opportunity to also heal and learn from these lessons of life.

A handwritten signature in cursive script that reads "Walter Linz".

Walter Linz, MD, MBA

President

American Society for Apheresis

WELCOME FROM THE CONFERENCE CHAIR

On behalf of the ASFA Board of Directors and the 2022 Annual Meeting Organizing Committee, I am honored to invite you to our Society's 43rd Annual Meeting from May 4-6, 2022 in Philadelphia, PA. This will be our first in-person meeting since 2019 and we are excited to reconnect in person with our ASFA community. We realize that some of our colleagues are unable to join us in person, but we hope to offer a strong educational offering, with CME, CMLE, CEU credits, on-demand for those who cannot be here. All in-person attendees will also have access to the on-demand recordings after the meeting so you can catch up on any sessions you might have missed in Philadelphia.

The Organizing Committee has crafted a program focusing on novel and emerging applications and indications of apheresis. The 43rd Annual Meeting begins on Wednesday afternoon with our Society Awards Presentation to honor this year and the two previous years' awardees. The Scientific portion of the meeting begins immediately after, focusing on the use of apheresis therapies for hemoglobinopathies. Our Education track begins later in the day focusing on a donor apheresis from both a US and international perspectives. We will close Wednesday with the Francis Morrison Memorial Lecture, honoring Dr. Marisa Marques. Our scientific sessions continue Thursday with a session examining apheresis in prothrombotic diseases. Thursday afternoon will include the very popular Vascular Access – Tips and Tricks education session, which is a live, interactive session demonstrating different types of vascular access for apheresis. This is followed by ASFA Forum Live, a panel session where participants can ask experts questions. The first abstract session will also be on Thursday afternoon. Friday morning will start with the Plenary Abstract session. Our Closing Symposium that afternoon will focus on novel indications for apheresis.

One of the most important aspects of this year's annual meeting is reconnecting with our colleagues. To that end, we have some of our standard social events but have also added some additional offerings. Both Thursday and Friday mornings will start with Expert Lounges featuring a variety of topics each day. On Wednesday evening, there will be a Welcome Reception in the Exhibit Hall. Immediately pri-

or to that, there will be a reception for all attendees who have achieved their QIA. On Thursday evening, we will have the Poster Networking Session where you can chat with the poster presenters. Following the poster event, we are thrilled to be hosting a social outing to the Mutter Museum. We will have drinks and be able to explore the museum.

Please join me in welcoming our sponsors during the meeting. Take the opportunity to introduce yourself in our exhibit hall, where they will have experts available for your questions. Our sponsors will also be providing lunch corporate symposia and exhibits throughout the meeting.

The Organizing Committee has again done a tremendous job bringing you an outstanding program for our 43rd Annual Meeting, and I would like to take this opportunity to thank this group of dedicated individuals who were so very instrumental in putting this program together. I would also like to thank Sharon Leung, our Executive Director, as well as Ernest Ho and Eva-Marie Sweet, for their organizing talents, tremendous knowledge base, experience, advice, and work ethic.

This has been and continues to be a challenging and troubling time but we are excited to see many of you again in Philadelphia, the city of brotherly love! We wish everyone health, wellness, safe travels and peace.



Yara A. Park, MD

Conference Chair

President-Elect

American Society for Apheresis

GENERAL INFORMATION

MEETING LOCATION

The ASFA 2022 Annual Meeting events will take place at the Sheraton Philadelphia Downtown. Please consult this program to determine the exact room or location of each event.

INCLUDED IN YOUR REGISTRATION FEE

Full-conference registered attendees receive:

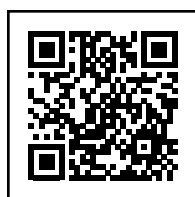
- Access to the Welcome Reception
- Access to all Scientific and Education Sessions
- Access to all Abstract Sessions
- Access to Posters and Exhibits
- Access to the Poster Networking Evening
- Access to On-demand Recordings Via Event App Post Conference
- Conference Meals
- Annual Meeting Materials
- Final Program
- Abstract Issue of the Journal of Clinical Apheresis
- Delegate Bag

Exhibit-only attendees receive:

- Access to the Exhibit Hall
- Conference Meals Served in the Exhibit Hall

ASFA 2022 MOBILE APP

The ASFA 2022 Annual Meeting event application is available via the Web (mobile/desktop), iOS, and Android. For iOS and Android, download the PheedLoop Go! mobile app then search for “ASFA2022” when prompted.



Use this app to review the conference program, schedule sessions, access on-demand recordings and learn more about our speakers and conference supporters.

REGISTRATION

The Registration Desk is located at the Liberty Coat Check and Closet.

Registration hours are as follows:

- | | |
|--------------------------|------------------|
| • Tuesday, May 3, 2022 | 3:00PM – 6:00PM |
| • Wednesday, May 4, 2022 | 10:00AM – 6:00PM |
| • Thursday, May 5, 2022 | 7:00AM – 5:30PM |
| • Friday, May 6, 2022 | 7:00AM – 5:00PM |

SPEAKER SERVICES CENTER

The Speaker Services Center, located in Salon 9, is equipped with PC computers (2) and MacBook (1), for all faculty members to review their presentations before their sessions. We ask that you visit Speaker Services and upload your presentation via USB at least two sessions ahead of your presentation time to ensure your presentation is loaded onto the system ready for your session start time.

The Speaker Services Center hours are as follows:

- | | |
|--------------------------|------------------|
| • Tuesday, May 3, 2022 | 3:00PM – 6:00PM |
| • Wednesday, May 4, 2022 | 10:00AM – 6:00PM |
| • Thursday, May 5, 2022 | 7:00AM – 5:30PM |
| • Friday, May 6, 2022 | 7:00AM – 5:00PM |

CONTINUING EDUCATION CREDIT INFORMATION

TARGET AUDIENCE

This activity has been designed to meet the educational needs of physicians, allied health professionals and medical students involved with donor and therapeutic apheresis.

The specialties involved include, but are not exclusive of, pathology, hematology, immunology, nephrology, pediatrics, and rheumatology.

EDUCATIONAL OBJECTIVES

After completing this activity, the participant should be better able to:

- Explain the principles of evidence-based knowledge as they apply to therapeutic apheresis
- Describe the latest scientific, clinical, and technological advances in donor and therapeutic apheresis
- Describe the general practice of apheresis medicine and its role in the donor and patient setting

CEU

ASFA is approved by the California Board of Registered Nursing, provider number 14122, as a provider of continuing nursing education programs. ASFA designates this event for a maximum of 16.75 contact hours.

CMLE

This continuing medical laboratory education activity is recognized by the American Society for Clinical Pathology as meeting the criteria for 16.75 CMLE credit. ASCP CMLE credits are acceptable to meet the continuing education requirement for the ASCP Board of Registry Certification Maintenance Program.

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

This activity has been planned and implemented in accordance with the accreditation requirements of the Washington State Medical Association through the joint providership of Providence Health Care and the American Society for Apheresis.

Providence Health Care is accredited by the WSMA to provide continuing medical education for physicians. Providence Health Care designates this live activity for a maximum of 16.75 AMA PRA Category 1 Credit(s)™. Physicians

should claim only the credit commensurate with the extent of their participation in the activity.

This activity meets the criteria for up to 16.75 hours of Category I CME credit to satisfy the relicensure requirements of the Washington State Medical Quality Assurance Commission.



The meeting evaluation must be completed in order to claim CME/CEU/CMLE Credit. Please note that physicians should claim only the credit commensurate with the extent of their participation in the activity. CME Certificates will be emailed by Tuesday, May 31, 2022.

INSTRUCTIONS FOR CREDIT

Continuing education credit has been assigned to the following sessions:

- Opening Symposium: The Role of Apheresis in Curative Therapies for Hemoglobinopathies
- Education Session I: Donor Apheresis
- Francis S. Morrison, MD Memorial Lecture
- Expert Lounges
- Scientific Symposium: Therapeutic Plasma Exchange in Non-TTP Prothrombotic Disorders
- Education Session II: Research in Apheresis
- Education Session III: Joint AABB/ASFA Session
- Education Session IV: Vascular Access – Tips and Tricks
- Abstract Session: Donor Apheresis
- Education Session V: ASFA Forum Live – Ask the Experts
- Plenary Abstract Session
- Education Session VI: Therapeutic Apheresis
- Abstract Session: Therapeutic Apheresis
- Education Session VII: Program Management and Professional Development
- Education Session VIII: Member Proposal
- Closing Symposium: Novel Indications and Modifications for Therapeutic Apheresis
- Education Session IX: Quality
- On Demand Recordings

ACKNOWLEDGEMENT

The American Society for Apheresis wishes to recognize and thank Terumo Blood and Cell Technologies for their ongoing support through an educational grant.

FINANCIAL DISCLOSURES

SPEAKERS / MODERATORS / DISCUSSANTS / PLANNERS	DISCLOSURE		
	COMPANY	RECEIVED	ROLE
Jill Adamski, MD, PhD	BD	Speaker Fee	Speaker
Mercè Boada, MD, PhD	Grifols, Araclon Biotech, Roche, Biogen, Lilly, Merck, Zambon Biogen, Novo-Dordisk, Bioiberica, Eisai, Servier, Schwabe Pharma Biogen, Grifols, Nutricia, Araclon Biotech, Servier, Novo Nordisk	Consulting Fees, Advisory Boards, Lectures	Consultant, Advisor, Speaker/ Lecturer
Joseph Carcillo, MD	NIGMS, NICHD	Research Grant	Consultant
Jan Hofmann, MD, MPH, MSc	Fresenius Medical Care	Consultant Fee	Consultant
Sarita Joshi, MD, MBBS	Labcorp Drug Development	Employee	Employee
Tamarah Kent, BSN, RN	Janssen Global Services With Snow Companies Llc & Legend Biotech	Consultant Fee	Consultant
Pamela Malvern, BSN, RN, CNN, QIA	EDITAS	Consultant Fees	Advisory Consult
John Manis, MD	Terumo	Speaker Fee, Promotional Speaker	Speaker
Andrew Nord, PA-C, MT(ASCP), QIA	Alexion, Sanofi Genzyme, Terumo BCT	Speaker Fee, Speaker Fee, Spouse Employee	Promotional Speaker, Promotional Speaker, Sales Specialist
Jamie O'Sullivan, PhD	LEO Pharma	Research Grant, Consulting Fee	Consultant
Huy P. Pham, MD, MPH	Elsevier, Sanofi	Honoraria, Speaker Fees	Editor, Consultant
Jay Raval, MD	Sanofi Genzyme	Speaker Fees	Consultant, Advisor, Speaker
Zbigniew Szczepiorkowski, MD, PhD	Grifols	Consulting Fees	Consultant
Xinglong Zheng, MD, PhD	Alexion, Sanofi	Speaker Fee	Promotional Speaker

SPEAKERS / MODERATORS / DISCUSSANTS / PLANNERS	NOTHING TO DISCLOSE
Nicole Aqui, MD	X
Tomas Armendariz, BSN, RN, QIA(ASCP)	X
Christine C. Atik, BS	X
J. Mills Barbeau, MD, JD	X
Adrienne Bell-Cors Shapiro	X
Ian Baine, MD, PhD	X
Vishesh Chhibber, MD	X

SPEAKERS / MODERATORS / DISCUSSANTS / PLANNERS	NOTHING TO DISCLOSE
Laura Collins, RN, BSN, HP(ASCP)	X
Laura Cooling, MD, MS	X
Brianna Cunigan, MSN, RN, QIA	X
Phillip DeChristopher, MD, PhD	X
Annemieke DeFijter	X
Maria DiMola, RN, MEd	X
Betty Doggett, AT(ASCP)	X

ACADEMIC PROGRAM

SPEAKERS / MODERATORS / DISCUSSANTS / PLANNERS	NOTHING TO DISCLOSE
Lorna D. Domingo, <i>BSN, RN, MAN</i>	X
Hannah A Erskine, <i>MSN, RN-BC</i>	X
David Friedman	X
Alicia Garcia, <i>RN, HP(ASCP)</i>	X
Kira Geile, <i>RN, CPNP</i>	X
Kristen Gray, <i>RN</i>	X
Antonia Hagen-Coonrad, <i>BSB</i>	X
Margaret Hannan, <i>MSM/OL, CQA (ASQ), AT & QIA (ASCP)</i>	X
Jaleah Hawkins, <i>MD</i>	X
Hong Hong, <i>MD, PhD</i>	X
Joan Hidalgo, <i>RN, BScN, MAEd©</i>	X
Robert S.Hoffman, <i>MD</i>	X
Nnaemeka Ibeh, <i>DO, MS, MLS(ASCP)CM</i>	X
Leah Irwin, <i>RN, MSN, CRNP</i>	X
Philip Keith, <i>MD</i>	X
Pam Langley, <i>BSc</i>	X
Grace E. Linder, <i>MD</i>	X
Michael Linenberger, <i>MD</i>	X
Walter Linz, <i>MD, MBA</i>	X
Ileana Lopez-Plaza, <i>MD</i>	X
Jerel Lee Salvador Malong, <i>RN QIA</i>	X
Marisa B. Marques, <i>MD</i>	X
Brooke McDonnell, <i>MBA, ASQ CSSBB</i>	X
Kerry McGowan, <i>MD</i>	X
Emily McLain, <i>RN, BSN</i>	X
Nicolas Mercure-Corriveau, <i>MD</i>	X
Yvette Miller, <i>MD, ABIHM</i>	X
Shanna Morgan, <i>MD</i>	X
Trung Nguyen, <i>MD</i>	X
Daniel K. Noland, <i>MD, FCAP</i>	X
DaiWai M. Olson, <i>PhD, RN, FNCS</i>	X
Oluwatoyosi Onwuemene, <i>MD, MS</i>	X

SPEAKERS / MODERATORS / DISCUSSANTS / PLANNERS	NOTHING TO DISCLOSE
Cheryl Pacheco, <i>BSN, RN, CPN, QIA</i>	X
Kaitlin Paine, <i>BSN, RN, CPN</i>	X
Yara Park, <i>MD</i>	X
Monika Paroder, <i>MD, PhD</i>	X
Anitra Persaud, <i>BA</i>	X
Peggy Reid, <i>RN, QIA</i>	X
Chelsea Reyes, <i>BSN, RN, QIA</i>	X
Gustaaf de Ridder, <i>MD, PhD</i>	X
Paula Robinson <i>RN, QIACM</i>	X
Margo Rollins, <i>MD</i>	X
William (Nick) Rose, <i>MD</i>	X
Maya Safarova, <i>MD, PhD</i>	X
Joseph Schwartz, <i>MD, MPH</i>	X
Patricia Shi, <i>MD</i>	X
Ashley Spinale	X
Poyyapakkam Srivaths, <i>MD, MS</i>	X
Brenda Strzempkowski-Brun, <i>RN</i>	X
Laurie J Sutor, <i>MD, MBA</i>	X
Yvette Tanhehco, <i>MD, PhD, MS</i>	X
Suzanne Thibodeaux, <i>MD, PhD</i>	X
John Tisdale, <i>MD</i>	X
Sonja Vozniak, <i>RN, BSN</i>	X
Christopher Webb, <i>MD</i>	X
James West, <i>BBA, BSN, RN, QIA</i>	X
Lance Williams, <i>MD</i>	X
Volker Witt, <i>MD</i>	X
Amelework Wodajo, <i>MSN, APRN, AGACNP-BC</i>	X
Vered Yahalom, <i>MD</i>	X
Nicole Zantek, <i>MD</i>	X
Joshua Zaritsky, <i>MD, PhD</i>	X
Yan Zheng	X

ASFA 2022 AWARD WINNERS

Francis S. Morrison, MD Memorial Lecture Award

Marisa B. Marques, MD

The Francis S. Morrison, MD Memorial Lecture is an annual keynote lecture at the ASFA Annual Meeting. The lecture has been created to keep alive and honor the memory of Francis S. Morrison, MD, a true pioneer in apheresis medicine and a leading apheresis professional. The first lecture was held at the ASFA Meeting in 2002. The Francis S. Morrison, MD Memorial Lecture award is bestowed upon a member of the Society who has made major contributions to the field of apheresis medicine and an apheresis professional who has made a lasting difference in the field, preferably at the national level.

Presidential Award

Michael Linenberger, MD, FACP

The Presidential Award of the American Society for Apheresis is bestowed upon a member of the Society who has consistently made major contributions to, and performed outstanding service for the Society over a number of years. Eligible candidates must have been a member of the Society for at least 5 years at the time of their nomination and cannot be a member of the Board of Directors of the Society at the time of their award. Final determination of the award is made by the Board of Directors.

Lecturer Award

Huy P. Pham, MD, MPH

The Lecturer Award of the American Society for Apheresis is bestowed upon a member of the Society who has consistently contributed to the Society as a speaker, teacher, or mentor. The nominee may have participated as an invited speaker in symposia or workshops as part of the allied health or scientific program. An appropriate nominee for this award will have repeatedly accepted invitations to appear on the program of the Annual Meeting or will have otherwise taken opportunities, on an ongoing basis, to fulfill the criteria of the Award as mentioned above. Eligible candidates must have been a member of the Society for at least 3 years at the time of their nomination.

SHS Award

Christopher Chun, BS, MT(ASCP), HP

The Society for Hemapheresis Specialists was the first national organization in the United States which provided a forum for the professional development of technical specialists in the field of apheresis. In the ensuing decades

since the founding of SHS, its members contributed to the maturation of apheresis as a medical specialty and to the growth of the American Society for Apheresis in to the principal platform for organized apheresis activities in North America. This award commemorates the pioneering efforts of SHS which have culminated in the high standards and sophistication which characterize the field of American apheresis. Its recipient is a hemapheresis specialist who has demonstrated sincere commitment to apheresis and who has emerged as a leader and role model in the field.

Allied Health Abstract Award

This award is given to the primary author of an outstanding abstract submitted by an allied health professional who is a member of ASFA. This year's recipient abstract is:

Jerel Lee S. Malong, RN, QIA

"It's a Coin Toss: An Alternative Approach to ECP During the COVID-19 Pandemic"

Best Abstract Awards

These awards are given to the primary authors of two outstanding abstracts. This year's recipient abstracts are:

Poyyapakkam Srivaths, MD, MS

"The First Report of the American Society for Apheresis Focal Segmental Glomerulosclerosis Multi-Institutional Registry"

Oluwatoyosi Onwuemene, MD, MS

"Outcomes of Heparin-Induced Thrombocytopenia (HIT) Treated With Therapeutic Plasma Exchange: First Report of the ASFA HIT Registry"

Junior Investigator Abstract Awards

This award is given to the primary author of an outstanding abstract submitted by a junior investigator who is a member of ASFA. There are two recipients this year, they are:

Nnaemeka Ibeh, DO, MS, MLS(ASCP)^{CM}

"The Use of Therapeutic Plasma Exchange for Treatment of Cast Nephropathy"

Nicolas Mercure-Corriveau, MD

"Therapeutic Plasma Exchange in the Management of Stiff Person Syndrome Spectrum Disorders: A Case Series and Review of the Literature"

PROGRAM AT A GLANCE

TUESDAY, MAY 3, 2022		
8:00AM – 5:00PM	FACT Cellular Therapy Collection Inspection & Accreditation Workshop (Applicant Session) <i>(Pre-registration with FACT and additional registration fees required)</i>	Salon 3, 4
8:00AM – 5:00PM	FACT Cellular Therapy Collection Inspection & Accreditation Workshop (Inspector Track) <i>(Pre-registration with FACT and additional registration fees required)</i>	Salon 5, 6
8:00AM – 3:00PM	ASFA Board of Directors Meeting <i>(By invitation only)</i>	Horizons
3:00PM – 6:00PM	Meeting Registration	Liberty Ballroom Foyer
3:00PM – 6:00PM	Speaker Services	Salon 9
4:30PM – 6:30PM	Journal of Clinical Apheresis Editorial Board Meeting <i>(By invitation only)</i>	Horizons
WEDNESDAY, MAY 4, 2022		
8:00AM – 4:30PM	Exhibit Hall Move In	Liberty A
10:00AM – 6:00PM	Meeting Registration	Liberty Ballroom Foyer
10:00AM – 6:00PM	Speaker Services	Salon 9
11:30AM – 12:30PM	Corporate Lunch Symposium – Terumo Blood and Cell Technologies <i>(Open to all registered delegates)</i>	Liberty B
1:00PM – 1:30PM	Opening Remarks and Awards Presentation	Liberty B
1:30PM – 4:45PM – Concurrent Session	Opening Symposium: The Role of Apheresis in Curative Therapies for Hemoglobinopathies	Liberty B
3:00PM – 3:30PM	Break in Foyer	Liberty Ballroom Foyer
3:30PM – 4:45PM – Concurrent Session	Education Session I: Donor Apheresis	Liberty D
4:30PM – 5:30PM	Poster Move In	Liberty Ballroom Foyer
5:15PM – 6:00PM	Francis S. Morrison, MD Memorial Lecture	Liberty B
6:00PM – 7:00PM	New Member and First Time Attendee Meet and Greet	Liberty D
6:00PM – 7:00PM	Qualification in Apheresis (QIA) Recognition Reception	Liberty C
7:00PM – 9:00PM	Welcome Reception in Exhibit & Poster Hall	Liberty A & Liberty Ballroom Foyer
8:00PM – 10:00PM	ASFA Past Presidents' Dinner <i>(By invitation only)</i>	Offsite
THURSDAY, MAY 5, 2022		
7:00AM – 5:30PM	Meeting Registration	Liberty Ballroom Foyer
7:00AM – 5:30PM	Speaker Services	Salon 9
7:00AM – 8:45AM	Continental Breakfast	Liberty Ballroom Foyer
7:30AM – 8:30AM	Expert Lounges <i>(First-come, first-served – arrive early for your favorite topic!)</i>	Liberty C
8:15AM – 8:45AM	Diversity, Equity, and Inclusion Coffee and Conversation	Salon 3, 4
8:45AM – 12:15PM – Concurrent Session	Scientific Symposium: Therapeutic Plasma Exchange in Non-TTP Prothrombotic Disorders: Looking through the Lens of ADAMTS13-von Willebrand Factor Axis	Liberty B
8:45AM – 10:15AM – Concurrent Session	Education Session II: Research in Apheresis	Liberty D
10:00AM – 6:30PM	Exhibit Hall Open	Liberty A
10:15AM – 10:45AM	Break in Exhibit & Poster Hall	Liberty A & Liberty Ballroom Foyer

ACADEMIC PROGRAM



THURSDAY, MAY 5, 2022		
10:45AM – 12:15PM – Concurrent Session	Education Session III: Joint AABB/ASFA Session: Challenging Donor and Therapeutic Apheresis Consults from Clinical and Ethical/ Legal Perspectives	Liberty D
12:30PM – 1:30PM	Corporate Lunch Symposium – Alexion (<i>Open to all registered delegates</i>)	Liberty C
12:30PM – 1:30PM	Lunch in Exhibit Hall	Liberty A
12:30PM – 1:30PM	Committee Chairs Meeting with the Board (<i>By invitation only</i>)	Salon 3, 4
1:45PM – 3:15PM	Education Session IV: Vascular Access – Tips & Tricks/Best Practices	Liberty B
3:15PM – 3:45PM	Break in Exhibit & Poster Hall	Liberty A & Liberty Ballroom Foyer
3:45PM – 5:15PM – Concurrent Session	Abstract Session I: Donor Apheresis	Liberty D
3:45PM – 5:15PM – Concurrent Session	Education Session V: ASFA Forum Live – Ask the Experts	Liberty B
5:30PM – 6:30PM	Poster Networking Evening in Exhibit & Poster Hall	Liberty A & Liberty Ballroom Foyer
7:00PM – 9:00PM	ASFA 2022 Reception at the Mutter Museum (<i>Pre-registration with ASFA required</i>)	Mutter Museum
FRIDAY, MAY 6, 2022		
7:00AM – 5:00PM	Meeting Registration	Liberty Ballroom Foyer
7:00AM – 5:00PM	Speaker Services	Salon 9
7:00AM – 8:45AM	Continental Breakfast	Liberty Ballroom Foyer
7:30AM – 8:30AM	Expert Lounges (<i>First-come, first-served – arrive early for your favorite topic!</i>)	Liberty C
8:45AM – 10:15PM – Concurrent Session	Plenary Abstract Session	Liberty B
8:45AM – 10:15AM – Concurrent Session	Education Session VI: Therapeutic Apheresis	Liberty D
10:00AM – 4:30PM	Exhibit Hall Open	Liberty A
10:15AM – 10:45AM	Break in Exhibit & Poster Hall	Liberty A & Liberty Ballroom Foyer
10:45AM – 12:15PM – Concurrent Session	Abstract Session II: Therapeutic Apheresis	Liberty B
10:45AM – 12:15PM – Concurrent Session	Education Session VII: Program Management and Professional Development	Liberty D
12:15PM – 1:30PM	Lunch in Exhibit Hall	Liberty A
12:30PM – 1:30PM	Committee Meetings (<i>*New members welcome!</i>)	Liberty C
1:45PM – 2:30PM	Annual Business Meeting (<i>ASFA members only</i>)	Liberty B
2:45PM – 5:15PM – Concurrent Session	Closing Symposium: Novel Indications and Modifications for Therapeutic Apheresis	Liberty B
2:45PM – 3:45PM – Concurrent Session	Education Session VIII: The Impact of Therapeutic Plasma Exchange on Hemostasis	Liberty D
3:45PM – 4:15PM	Break in Exhibit & Poster Hall	Liberty A & Liberty Ballroom Foyer
4:00PM – 5:00PM	Penn Medicine Cellular Therapy Program Tour for ASFA Delegates (<i>Pre-registration with ASFA required</i>)	Offsite, Meet in Hotel Lobby at 3:45pm
4:15PM – 5:15PM – Concurrent Session	Education Session IX: Quality	Liberty D
4:15PM – 4:30PM	Poster Move Out	Liberty Ballroom Foyer
4:30PM – 8:00PM	Exhibit Hall Move Out	Liberty A
5:15PM – 6:00PM	Post-conference ASFA Board of Directors Meeting (<i>By invitation only</i>)	Salon 3, 4

PROGRAM

PRE-CONFERENCE – TUESDAY, MAY 3, 2022

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

DAY 1 – WEDNESDAY, MAY 4, 2022

8:00am – 4:30pm	Exhibit Hall Move In	Liberty A
10:00am – 6:00pm	Meeting Registration	Liberty Ballroom Foyer
10:00am – 6:00pm	Speaker Services	Salon 9
11:30am – 12:30pm	Corporate Lunch Symposium - Terumo Blood and Cell Technologies <i>(Open to all registered delegates)</i>	Liberty B
1:00pm – 1:30pm	Opening Remarks ASFA President, Walter Linz, MD, MBA & ASFA President-Elect and Organizing Chair, Yara Park, MD Awards Presentation ASFA Awards Committee Chair, Yvette Miller, MD, ABIHM	Liberty B
1:30pm – 3:00pm	Opening Symposium: The Role of Apheresis in Curative Therapies for Hemoglobinopathies Chairs: Nicole Aqui, MD & Suzanne Thibodeaux, MD, PhD	Liberty B
1:30pm – 2:00pm	Cell Therapy for Hemoglobinopathies – Past, Present and Future	John Tisdale, MD
2:00pm – 2:30pm	RBC Exchange in Setting of Cellular Therapy for Hemoglobinopathies	Yvette Tanhehco, MD, PhD, MS
2:30pm – 3:00pm	Stem Cell Collection Outcomes in Patients with Sickle Cell Disease	John Manis, MD
3:00pm – 3:30pm	Break in Foyer	Liberty Ballroom Foyer

ACADEMIC PROGRAM



DAY 1 – WEDNESDAY, MAY 4, 2022

3:30pm – 4:45pm – Concurrent Session	Opening Symposium (Continued)		Liberty B
	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	Education Session I: Donor Apheresis Chair: Kira Geile, MSN, RN, CPNP		Liberty D
	3:30pm – 3:55pm	Introduction of a New Apheresis Product during a Pandemic (US Experience)	Antonia Hagen-Coonradt, BSB
	3:55pm – 4:20pm	Introduction of a New Apheresis Product during a Pandemic (European Experience)	Annemieke de Fijter, CIM
	4:20pm – 4:45pm	Diversity in Donor Apheresis	Yvette Miller, MD, ABIHM
4:30pm – 5:30pm	Poster Move In		Liberty Ballroom Foyer
5:15pm – 6:00pm	Francis S. Morrison, MD Memorial Lecture Chair: Antonia Hagen-Coonradt, BSB		Liberty B
	We are pleased to honor Marisa B. Marques, MD as this year's recipient of the Francis S. Morrison, MD Memorial Lecture Award.		Marisa B. Marques, MD
	How I Used The Tools That ASFA Gave Me To Give Back		
6:00pm – 7:00pm	New Member and First Time Attendee Meet and Greet		Liberty D
6:00pm – 7:00pm	Qualification in Apheresis (QIA) Recognition Reception All those who have achieved their QIA and ASCP Certifications are invited to attend.		Liberty C
7:00pm – 9:00pm	Welcome Reception in Exhibit & Poster Hall Please join us for a drink, hors d'oeuvres, and to network with your colleagues!		Liberty A & Liberty Ballroom Foyer
8:00pm – 10:00pm	ASFA Past Presidents' Dinner (By invitation only)		Offsite

DAY 2 – THURSDAY, MAY 5, 2022

7:00am – 5:30pm	Meeting Registration	Liberty Ballroom Foyer
7:00am – 5:30pm	Speaker Services	Salon 9
7:00am – 8:45am	Continental Breakfast	Liberty Ballroom Foyer

DAY 2 – THURSDAY, MAY 5, 2022

7:30am – 8:30am	Expert Lounges <i>(first-come, first-served – arrive early for your favorite topic!)</i> Join us for roundtable discussions with experts in the field on the topics below. Liberty C Chair: Kira Geile, RN, CPNP	
	Apheresis Donor Retention Programs	David Oh, MD
	How to Communicate and Comply with Multiple Clinical Trials	Suzanne Thibodeaux, 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, ABIHM & Michael Linenberger, MD
	ECP Challenges	Phillip DeChristopher, MD, PhD
	Pediatric HPC, MNC, & CAR-T	Maria Di Mola, RN, MEd
	HPC Collections: Challenges with Sickle Cell Disease Patients	Cheryl Pacheco, BSN, RN, CPN, QIA
	Calcium Supplementation Practices	Andrew Nord, PA-C, MT(ASCP), QIA
	ASFA Choosing Wisely Champions	Ileana Lopez-Plaza, MD & Vishesh Chhibber, MD
8:15am – 8:45am	Diversity, Equity, and Inclusion Coffee and Conversation Salon 3, 4	
8:45am – 10:15am – Concurrent Session	Scientific Symposium: Therapeutic Plasma Exchange in Non-TTP Prothrombotic Disorders: Looking through the Lens of ADAMTS13-von Willebrand Factor Axis Liberty B Chair: Edward Wong, MD	
	8:45am – 9:25am	VWF/ADAMTS13; The Yin and Yang of Thrombosis Jamie O'Sullivan, MD
	9:25am – 10:05am	ADAMTS-13 - von Willebrand Factor Axis in the Development of Sepsis with Multiple Organ Dysfunction Syndrome Trung C. Nguyen, MD
	10:05am – 10:15am	Q&A and Open Discussion
8:45am – 10:15am – Concurrent Session	Education Session II: Research in Apheresis Liberty D Chair: Cheryl Pacheco, BSN, RN, CPN, QIA	
	8:45am – 9:30am	You Need Research and Research Needs You DaiWai M. Olson, PhD, RN, FNCS
	9:30am – 10:15am	Beginning Research in Nursing Practice Kaitlin Paine, BSN, RN, CPN
10:00am – 6:30pm	Exhibit Hall Open Liberty A	
10:15am – 10:45am	Break in Exhibit & Poster Hall Liberty A & Liberty Ballroom Foyer	

ACADEMIC PROGRAM



DAY 2 – THURSDAY, MAY 5, 2022

10:45am – 12:15pm – Concurrent Session	Scientific Symposium (Continued)		Liberty B
	10:45am – 11:25am	COVID19, The vWF:ADAMTS 13 Axis, and Plasma Exchange Therapy	Phillip Keith, MD & Joseph Carcillo, MD
	11:25am – 12:05pm	The Role of ADAMTS13 and von Willebrand Factor in Heparin-induced Thrombocytopenia	X. Long Zheng, MD, PhD
	12:05pm – 12:15pm	Q&A and Open Discussion	
10:45am – 12:15pm – Concurrent Session	Education Session III: Joint AABB/ASFA Session Challenging Donor and Therapeutic Apheresis Consults from Clinical and Ethical/ Legal Perspectives		Liberty D
	Chairs: Joseph Schwartz, MD, MPH & Sarita Joshi, MBBS, MD		
	10:45am – 11:15am	Challenging Cases in Collections for Cellular Therapy Products	Huy P. Pham, MD, MPH
	11:15am – 11:45am	Challenging Apheresis Cases: Working Through It	Monika Paroder, MD, PhD
	11:45am – 12:15pm	Ethical and Legal Aspects of Apheresis Consultations	J. Mills Barbeau, MD, JD
12:30pm – 1:30pm	Corporate Lunch Symposium – Alexion (Open to all registered delegates)		Liberty C
12:30pm – 1:30pm	Lunch in Exhibit Hall		Liberty A
12:30pm – 1:30pm	Committee Chairs Meeting with the Board (By invitation only)		Salon 3, 4
1:45pm – 3:15pm	Education Session IV: Vascular Access – Tips and Tricks		Liberty B
	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 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		Jill Adamski, MD, PhD
	Standard Double Lumen Port		Sonja Vozniak, RN, BSN
	Ultrasound Guided Venous Access		James West, BBA, BSN, RN, QIA (ASCP)
	Peripheral Access		Peggy Reid, RN, QIA(ASCP)
	Central Line Access		Joan Hidalgo, RN, BScN, MAEd© & Maria Di Mola, RN, MEd
3:15pm – 3:45pm	Break in Exhibit & Poster Hall		Liberty A & Liberty Ballroom Foyer
3:45pm – 5:15pm – Concurrent Session	Abstract Session I: Donor Apheresis		Liberty D
	Chairs: Joseph Schwartz, MD, MPH & Grace Linder, MD		
	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

DAY 2 – THURSDAY, MAY 5, 2022

3:45pm – 5:15pm – Concurrent Session	Abstract Session I: Donor Apheresis		Liberty D
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 Related Stem Cell Donors: An ASFA HPC Donor Safety Study	Laura Cooling, MD, MS	
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	Education Session V: ASFA Forum Live – Ask the Experts		Liberty B
	Chairs: Maria Di Mola, RN, MEd & 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	James West, BBA, BSN, RN, QIA (ASCP) & Andrew Nord, PA-C, MT(ASCP), QIA	
	Pediatric Therapeutics and Collections	Cheryl Pacheco, BSN, RN, CPN, QIA & Joan Hidalgo, RN, BScN, MAEd©	
	Donor Apheresis	Yvette Miller, MD, ABIHM	
	Cellular Therapy	Suzanne Thibodeaux, MD	
	Quality and Research	Nicole Aqui, MD	
5:30pm – 6:30pm	Poster Networking Evening in Exhibit & Poster Hall Please join us for a drink, hors d'oeuvres, and to visit the abstract posters.		Liberty A & Liberty Ballroom Foyer
7:00pm – 9:00pm	ASFA 2022 Reception at the Mutter Museum (Pre-registration with ASFA required) Complimentary shuttle service is available between the hotel and Mutter Museum from 6:30pm to 9:15pm.		Mutter Museum

DAY 3 – FRIDAY, MAY 6, 2022

7:00am – 5:00pm	Meeting Registration	Liberty Ballroom Foyer
7:00am – 5:00pm	Speaker Services	Salon 9
7:00am – 8:45am	Continental Breakfast	Liberty Ballroom Foyer

ACADEMIC PROGRAM



DAY 3 – FRIDAY, MAY 6, 2022

7:30am – 8:30am **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. *Liberty C*
Chair: 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, MBBS
RBCx Program for SCD Patients	David Friedman, MD
Staff Training and Competency	Leah Irwin, RN, MSN, CRNP
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	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
Plenary Abstract Session
Chairs: Jill Adamski, MD & Jaleah Hawkins, MD *Liberty B*
* 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
Education Session VI: Therapeutic Apheresis *Liberty D*
Chair: Brianna Cunigan, MSN, RN

8:45am – 9:30am	Managing TPE in a High Acuity Setting	Daniel Noland, MD, FCAP Pam Malvern, BSN, RN, CNN, QIA
9:30am – 10:15am	Outside the Room Apheresis	Chelsea Reyes, RN

DAY 3 – FRIDAY, MAY 6, 2022

10:00am – 4:30pm	Exhibit Hall Open	Liberty A
10:15am – 10:45am	Break in Exhibit & Poster Hall	Liberty A & Liberty Ballroom Foyer
10:45am – 12:15pm – Concurrent Session	Abstract Session II: Therapeutic Apheresis Chairs: Jay Raval, MD & Kira Geile, MSN, RN, CPNP <i>* denotes an award winner</i>	Liberty B
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 Sick 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	Education Session VII: Program Management and Professional Development Chair: Brianna Cunigan, MSN, RN	Liberty D
10:45am – 11:05am	Retention & Operations during a Staffing Shortage	Margo Rollins, MD
11:05am – 11:25am	Organizational Structure and Team Building	Leah Irwin, RN, MSN, CRNP & Brooke McDonnell, MBA, ASQ CSSBB
11:25am – 11:45am	Staff Financial Support – QIA and Travel	Tomas Armendariz, BSN, RN, QIA(ASCP)
11:45am – 12:15pm	Adding New Technologies and New Techniques	Maria Di Mola, RN, MEd
12:15pm – 1:30pm	Lunch in Exhibit Hall	Liberty A
12:30pm – 1:30pm	Committee Meetings <i>*New members welcome!</i> ASFA members are invited to grab a lunch from the Exhibit Hall and join up to two committee meetings to learn more about their upcoming activities and how you can get more involved with ASFA.	Liberty C
12:30pm – 12:55pm	Committee Meeting #1 Choose one of the following: <ul style="list-style-type: none"> • Abstracts • Allied Health • Clinical Applications • Apheresis Physician • Education • International Affairs • Public Affairs and Advocacy • Research • Communications 	

ACADEMIC PROGRAM



DAY 3 – FRIDAY, MAY 6, 2022

	12:55pm – 1:05pm	Break	
	1:05pm – 1:30pm	Committee Meeting #2 Choose one of the following: <ul style="list-style-type: none"> • Abstracts • Allied Health • Clinical Applications • Apheresis Physician • Education • International Affairs • Public Affairs and Advocacy • Research • Communications 	
1:45pm – 2:30pm	Annual Business Meeting (ASFA members only) Join us for coffee and dessert and to learn more about ASFA's activities, financials and leadership.		Liberty B
2:45pm – 3:45pm – Concurrent Session	Closing Symposium: Novel Indications and Modifications for Therapeutic Apheresis Chairs: Nick Rose, MD & Suzanne Thibodeaux, MD, PhD		Liberty B
	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	Education Session VIII: The Impact of Therapeutic Plasma Exchange on Hemostasis Chair: Kira Geile, RN, CPNP		Liberty D
		Management of Hemostasis and Therapeutic Plasma Exchange	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 (Pre-registration with ASFA required)		Offsite, Meet in Hotel Lobby at 3:45pm
4:15pm – 5:15pm – Concurrent Session	Closing Symposium (Continued)		Liberty B
	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
	5:00pm – 5:15pm	Q&A and Open Discussion	
4:15pm – 5:15pm – Concurrent Session	Education Session IX: Quality Chair: Tomas Armendariz, BSN, RN, QIA(ASCP)		Liberty D
	4:15pm – 4:45pm	Quality in Therapeutic Apheresis and Cellular Therapy	Laura Collins, RN, BSN, HP(ASCP)
	4:45pm – 5:15pm	Apheresis Program Essentials	Huy P. Pham, MD, MPH
4:15pm – 4:30pm	Poster Move Out		Liberty Ballroom Foyer
4:30pm – 8:00pm	Exhibit Hall Move Out		Liberty A
5:15pm – 6:00pm	Post-conference ASFA Board of Directors Meeting (By invitation only)		

SPEAKERS

OPENING SYMPOSIUM SPEAKERS

John Tisdale, *MD*
John Manis, *MD*
Yvette Tanhehco, *MD, PhD, MS*
Adrienne Bell-Cors Shapiro
Anitra Persaud, *BA*

FRANCIS S. MORRISON, MD MEMORIAL LECTURE SPEAKER

Marisa B. Marques, *MD*

SCIENTIFIC SYMPOSIUM SPEAKERS

Jamie O'Sullivan, *MD*
Trung C. Nguyen, *MD*
Phillip Keith, *MD*
Joseph Carcillo, *MD*
X. Long Zheng, *MD, PhD*

CLOSING SYMPOSIUM SPEAKERS

Robert S. Hoffman, *MD*
Patricia Shi, *MD*
Joshua Zaritsky, *MD, PhD*
Patrick M. Moriarty, *MD*

EDUCATION SESSION I: SPEAKERS

Gracie Arellano, *RN, BSN*
Annemieke de Fijter, *MD*
Yvette Miller, *MD, ABIHM*

EDUCATION SESSION II SPEAKERS

DaiWai M. Olson, *PhD, RN, FNCS*
Kaitlin Paine, *BSN, RN, CPN*

EDUCATION SESSION III SPEAKERS

Huy P. Pham, *MD, MPH*
Monika Paroder, *MD, PhD*
J. Mills Barbeau, *MD, JD*

EDUCATION SESSION III SPEAKERS

Jill Adamski, *MD, PhD*
Sonja Vozniak, *RN, BSN*
James West, *BBA, BSN, RN, QIA*
Peggy Reid, *RN, QIA(ASCP)*
Joan Hidalgo, *RN, BScN, MAEd®*
Maria Di Mola, *RN, MEd*

EDUCATION SESSION V SPEAKERS

James West, *BBA, BSN, RN, QIA*
Andrew Nord, *PA-C, MT(ASCP), QIA*
Cheryl Pacheco, *BSN, RN, CPN, QIA*
Joan Hidalgo, *RN, BScN, MAEd®*
Yvette Miller, *MD, ABIHM*
Suzanne Thibodeaux, *MD*
Nicole AQUI, *MD*

EDUCATION SESSION VI SPEAKERS

Daniel Noland, *MD, FCAP*
Chelsea Reyes, *RN*

EDUCATION SESSION VII SPEAKERS

Margo Rollins, *MD*
Leah Irwin, *RN, MSN, CRNP*
Brooke McDonnell, *MBA, ASQ CSSBB*
Tomas Armendariz, *BSN, RN, QIA(ASCP)*
Maria Di Mola, *RN, MEd*

EDUCATION SESSION VIII SPEAKERS

Nicole Zantek, *MD*
Oluwatoyosi Onwuemene, *MD, MS*

EDUCATION SESSION IX SPEAKERS

Laura Collins, *RN, BSN, HP(ASCP)*
Huy P. Pham, *MD, MPH*

EXPERT LOUNGES

Yara Park, *MD*
Suzanne Thibodeaux, *MD, PhD*
Alicia Garcia, *RN, HP(ASCP)*
Nicole AQUI, *MD*
Chrissy Anderson, *RN, BSN, HP(ASCP)*
Amelework Wodajo, *MSN, APRN, AGACNP-BC*
Walter Linz, *MD, MBA*
Peggy Reid, *RN, QIA*
Jan Hofmann, *MD, MPH, MSC*
Yvette Miller, *MD, ABIHM*
William (Nick) Rose, *MD*
Sarita Joshi, *MD, MBBS*
Phillip DeChristopher, *MD, PhD*
David Friedman, *MD*
Maria Di Mola, *RN, MEd*
Leah Irwin, *RN, MSN, CRNP*
Brenda Strzempkowski-Brun, *RN*
Cheryl Pacheco, *BSN, RN, CPN, QIA*
Kira Geile, *RN, CPNP*
Jill Adamski, *MD*
Joan Hidalgo, *RN, BScN, MAEd®*
Andrew Nord, *PA-C, MT(ASCP), QIA*
Ileana Lopez-Plaza, *MD*
Vishesh Chhibber, *MD*
Michael Linenberger, *MD*

PLENARY SPEAKERS

Poyyapakkam Srivaths, *MD, MS*
Oluwatoyosi Onwuemene, *MD, MS*
Maya Safarova, *MD, PhD*
Laura Cooling, *MD, MS*
Christopher Webb, *MD*
Gustaaf de Ridder, *MD, PhD*

ORAL ABSTRACT PRESENTERS

Laurie J Sutor, *MD, MBA*
Tamarah Kent, *BSN, RN*
Volker Witt, *MD*
Laura Cooling, *MD, MS*
Hannah A Erskine, *MSN, RN-BC*
Christine C. Atik, *BS*
Zbigniew Szczepiorkowski, *MD, PhD*
Nnaemeka Ibeh, *DO, MS, MLS(ASCP)CM*
Mercè Boada, *MD, PhD*
Kerry McGowan, *MD*
Nicolas Mercure-Corriveau, *MD*
Vered Yahalom, *MD*

POSTER ABSTRACT LISTINGS

#	ABSTRACT TITLE <i>* denotes an award winner ** denotes only available digitally post-conference</i>	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
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ASFA MEMBERSHIP

ASFA membership is available to all professionals who are actively involved in apheresis medicine. As a member of ASFA, you are part of a network of professionals in the field of apheresis. ASFA members are encouraged to actively participate in the leadership of the Society by joining ASFA Committees that are working to advance apheresis-related education, research, and advocacy initiatives.

MEMBERSHIP BENEFITS:

- Electronic Subscription to the Journal of Clinical Apheresis. Members will receive six (6) issues of the journal in electronic format. Members save up to \$421
- Free Registration for Educational Webinars. Members save up to \$525
- Reduced Rates for the ASFA Annual Meeting. Members save up to \$230
- Reduced Rates for Educational Resources and Materials. Members save up to 40% on ASFA publications
- TOTAL POTENTIAL SAVINGS OF UP TO \$1176

ADDITIONAL BENEFITS:

- Subscription to the member-only ASFA Newsletter
- Access to the member-only Facility Directory
- Access to the member-only ASFA Discussion Forum
- Subscription to the ASFA Newsflash
- Option to participate in ASFA Committees
- Option to participate in the ASFA Journal Club

Please note that ASFA membership runs from January 1 to December 31.

REGISTER NOW:
WWW.APHERESIS.ORG/JOIN_ASFA



MEMBERSHIP REFERRAL PROGRAM

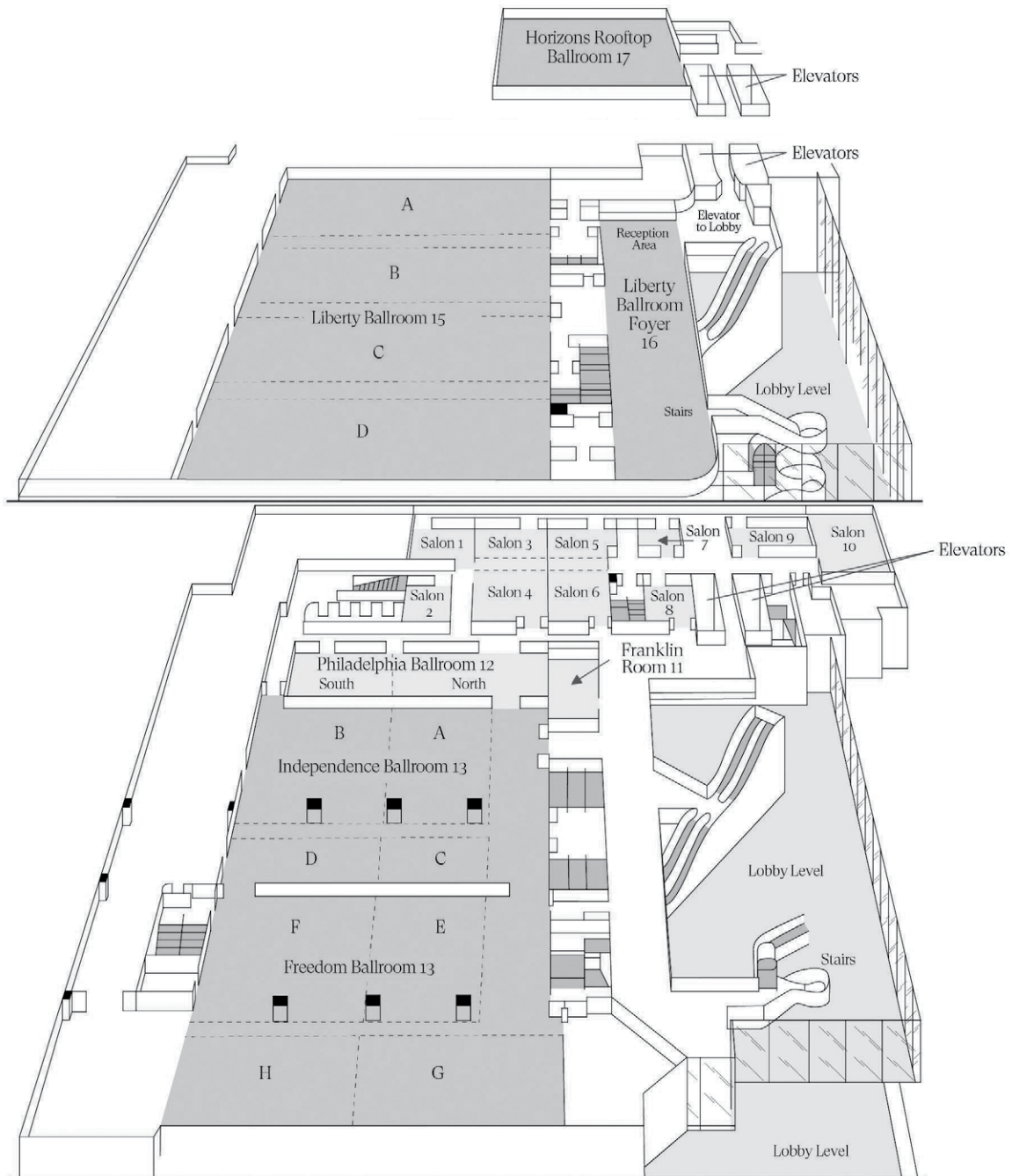
ASFA relies on its members to advance the Society's mission. Growing the ASFA membership helps advance apheresis medicine for patients, donors and practitioners through education, evidence-based practice, research and advocacy.

- **REFER ONE NEW MEMBER AND RECEIVE 50% OFF YOUR NEXT RENEWAL.**
- **REFER TWO OR MORE NEW MEMBERS AND YOUR NEXT RENEWAL IS FREE!**

Login at www.apheresis.org. Under the heading My Profile, click on Refer a Friend to start sending out referrals. ASFA will review your referrals and provide a discounted renewal invoice by November 30th.

START REFERRING TODAY!

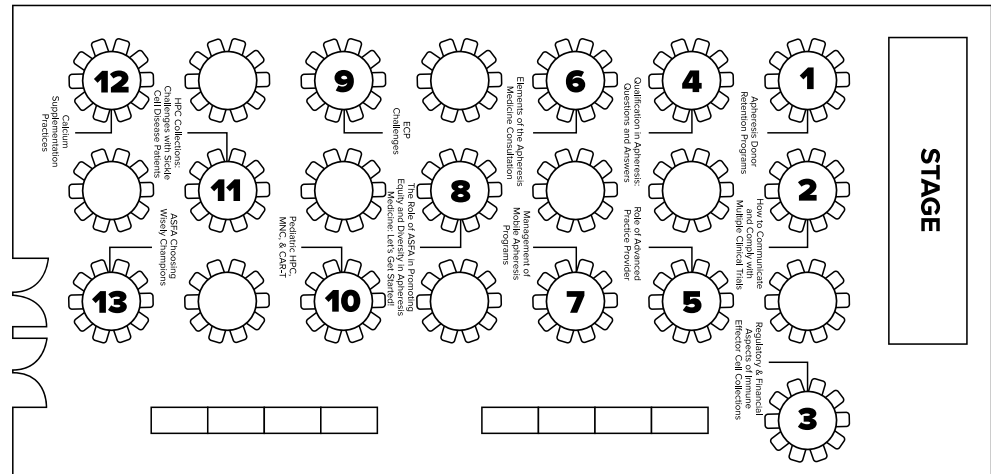
FLOORPLAN



EXPERT LOUNGES & COMMITTEE MEETING FLOORPLANS

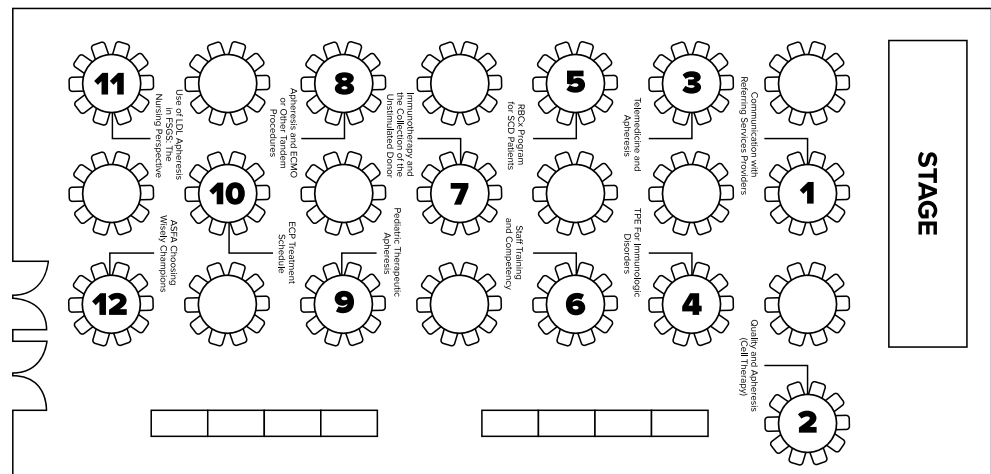
EXPERT LOUNGE 1

1. Apheresis Donor Retention Programs
2. How to Communicate and Comply with Multiple Clinical Trials
3. Regulatory & Financial Aspects of Immune Effector Cell Collections
4. Qualification in Apheresis: Questions and Answers
5. Role of Advanced Practice Provider
6. Elements of the Apheresis Medicine Consultation
7. Management of Mobile Apheresis Programs
8. The Role of ASFA in Promoting Equity and Diversity in Apheresis Medicine: Let's Get Started!
9. ECP Challenges
10. Pediatric HPC, MNC, & CAR-T
11. HPC Collections: Challenges with Sickle Cell Disease Patients
12. Calcium Supplementation Practices
13. ASFA Choosing Wisely Champions



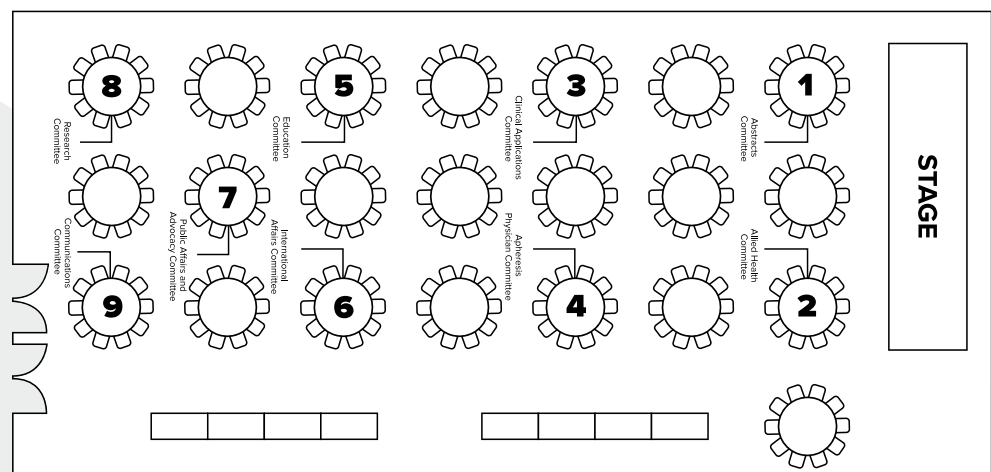
EXPERT LOUNGE 2

1. Communication with Referring Services Providers
2. Quality and Apheresis (Cell Therapy)
3. Telemedicine and Apheresis
4. TPE For Immunologic Disorders
5. RBCx Program for SCD Patients
6. Staff Training and Competency
7. Immunotherapy and the Collection of the Unstimulated Donor
8. Apheresis and ECMO or Other Tandem Procedures
9. Pediatric Therapeutic Apheresis
10. ECP Treatment Schedule
11. Use of LDL Apheresis in FSGS: The Nursing Perspective
12. ASFA Choosing Wisely Champions



COMMITTEE MEETINGS

1. Abstracts
2. Allied Health
3. Clinical Applications
4. Apheresis Physician
5. Education
6. International Affairs
7. Public Affairs and Advocacy
8. Research
9. Communications



THINGS TO DO IN PHILADELPHIA

VISIT THE LIBERTY BELL

A symbol of freedom, the famed Liberty Bell is synonymous with Philadelphia. The cracked bell is free to visit year-round and is found inside the Liberty Bell Center, which sits just across Chestnut Street from its former home at Independence Hall. Inside the Center, you'll find exhibits highlighting the bell's history.

TOUR INDEPENDENCE HALL

Transport yourself back to 1776 with a tour of Independence Hall and step foot into the Assembly Room, where the Founding Father's debated, adopted, and signed the Declaration of Independence and later the U.S. Constitution. The tour reveals interesting details about the building's history and architecture, as well as insightful tales about the Framers of the nation shared by national park rangers, as highlighted by travel guide Frommer's.

RUN THE ROCKY STEPS

As made famous by an inspirational training montage in the 1976 film, Rocky, the 72 steps that lead to the eastern entrance of the Philadelphia Museum of Art are now at the top of anyone's Philadelphia to-do list. Thousands of visitors flock to the steps each day to race their way to the top and strike their best "Rocky pose" at the spot where he stood – arms held high with the city skyline serving as the ultimate backdrop. TIP: Don't forget to snap a photo with Rocky's statue at the base of the steps before you leave, and don't miss the many other iconic filming locations around the city.

WALK THROUGH THE ITALIAN MARKET

You'll find the nation's oldest open-air marketplace, the Italian Market, along 9th Street in South Philadelphia. Another location for Rocky's training run, the market is home to dozens of produce vendors, butchers, cheese connoisseurs, and restaurants. The cuisine offered throughout the Market extends far beyond what its name implies, with Asian and Latin American menus becoming more prevalent as the cultural identity of the surrounding neighborhood continues to change.

SNAP A SELFIE AT LOVE PARK

Installed in John F. Kennedy Plaza – now affectionately referred to as LOVE Park – for the nation's Bicentennial celebration in 1976, Robert Indiana's now-iconic LOVE sculpture is arguably one of Philadelphia's most photo-worthy pieces of public art. Visitors and locals alike can be seen posing for a photo in front of the artwork, which marks the beginning of Philadelphia's Museum Mile, the Benjamin Franklin Parkway. The park is also home to various pop-up events throughout the year, including the popular Christmas Village each holiday season.

SINK YOUR TEETH INTO A TRUE PHILADELPHIA CHEESESTEAK

Philadelphia is a renowned food town, with award-winning chefs and restaurants found in nearly every neighborhood throughout the city, but one dish is consistently at the top of every visitor's must-try list: the cheesesteak. Though popular shops like Pat's King of Steaks, Geno's Steaks, and Jim's on South Street draw long lines and international attention, local favorites are also worth exploring, such as Campo's, Dalessandro's, John's Roast Pork, and Angelo's. After choosing your preferred shop and steak sandwich preparation (choose cheese whiz and grilled onions for the "traditional" route), you'll spend hours debating your friends and family on whose cheesesteak was best.

EXPLORE THE MUSEUMS ALONG THE BENJAMIN FRANKLIN PARKWAY

Known as Philadelphia's Museum Mile, the Benjamin Franklin Parkway is home to many of the city's most coveted institutions. It is here that you can study science at The Franklin Institute or learn about dinosaurs and natural history at the Academy of Natural Sciences – the first natural sciences institution in the Americas. There is also the Barnes Foundation – home to the world's greatest collection of Impressionist, Post-Impressionist, and Early Modernist paintings – and the Rodin Museum, featuring one of the largest collections of Auguste Rodin's work outside of Paris. Capping the western end of the Parkway is the iconic Philadelphia Museum of Art, whose 200 galleries (with more on the way) are filled with artwork from around the world spanning 2,000 years.

Visit www.discoverphl.com to learn more about Philadelphia

Courtesy of the Philadelphia Convention & Visitors Bureau



SAVE THE DATE

- PROPOSE A SESSION
- RECOMMEND A SPEAKER
- SUBMIT AN ABSTRACT
- REGISTER TO ATTEND
- RESERVE YOUR EXHIBIT SPACE
- BOOK YOUR CORPORATE SYMPOSIUM OR FOCUS GROUP

PROGRAM FORMAT:

- Scientific Symposia
- Education Sessions
- Oral & Poster Presentations
- Interactive Case Studies & Discussion
- Receptions
- Committee Meetings
- Corporate Symposia & Focus Groups
- Exhibit Hall
- Apheresis Review Session



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