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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.

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 prior 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

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

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.
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

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<th>Speakers / Moderators / Discussants / Planners</th>
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<td>Jill Adamski, MD, PhD</td>
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<td>Mercè Boada, MD, PhD</td>
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<td>Joseph Carcillo, MD</td>
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<td>Jan Hofmann, MD, MPH, MSc</td>
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<td>Sarita Joshi, MD, MBBS</td>
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<td>Tamarah Kent, BSN, RN</td>
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<td>Pamela Malvern, BSN, RN, CNN, QIA</td>
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<td>John Manis, MD</td>
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<td>Andrew Nord, PA-C, MT(ASCP), QIA</td>
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<td>Jamie O’Sullivan, PhD</td>
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<td>Laura Cooling, MD, MS</td>
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<td>Kira Geile, RN, CPNP</td>
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<td>Margaret Hannan, MSM/OL, CQA (ASQ), AT &amp; QIA (ASCP)</td>
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<td>Jaleah Hawkins, MD</td>
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<td>Hong Hong, MD, PhD</td>
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<td>Joan Hidalgo, RN, BSc,N, MAEd®</td>
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<td>Robert S. Hoffman, MD</td>
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<td>Nnaemeka Ibeh, DO, MS, MLS/(ASCP)CM</td>
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<td>Leah Irwin, RN, MSN, CRNP</td>
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<td>Philip Keith, MD</td>
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<td>Grace E. Linder, MD</td>
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<td>Walter Linz, MD, MBA</td>
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<td>Ileana Lopez-Plaza, MD</td>
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<td>Jerel Lee Salvador Malong, RN QIA</td>
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<td>Marisa B. Marques, MD</td>
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<td>Brooke McDonnell, MBA, ASQ CSSBB</td>
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<td>Kerry McGowan, MD</td>
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<td>Shanna Morgan, MD</td>
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<td>Trung Nguyen, MD</td>
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<td>Daniel K. Noland, MD, FCAP</td>
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<td>DaiWai M. Olson, PhD, RN, FNCS</td>
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<td>Maya Safarova, MD, PhD</td>
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<td>James West, BBA, BSN, RN, QIA</td>
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<td>Lance Williams, MD</td>
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<td>Amelework Wodajo, MSN, APRN, AGACNP-BC</td>
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<td>Joshua Zaritsky, MD, PhD</td>
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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


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

# Program at a Glance

## Tuesday, May 3, 2022

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<tr>
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<td>8:00AM – 5:00PM</td>
<td>FACT Cellular Therapy Collection Inspection &amp; Accreditation Workshop (Applicant Session) <em>(Pre-registration with FACT and additional registration fees required)</em></td>
<td>Salon 3, 4</td>
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<tr>
<td>8:00AM – 5:00PM</td>
<td>FACT Cellular Therapy Collection Inspection &amp; Accreditation Workshop (Inspector Track) <em>(Pre-registration with FACT and additional registration fees required)</em></td>
<td>Salon 5, 6</td>
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<tr>
<td>8:00AM – 3:00PM</td>
<td>ASFA Board of Directors Meeting <em>(By invitation only)</em></td>
<td>Horizons</td>
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<td>3:00PM – 6:00PM</td>
<td>Meeting Registration</td>
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<td>3:00PM – 6:00PM</td>
<td>Speaker Services</td>
<td>Salon 9</td>
</tr>
<tr>
<td>4:30PM – 6:30PM</td>
<td>Journal of Clinical Apheresis Editorial Board Meeting <em>(By invitation only)</em></td>
<td>Horizons</td>
</tr>
</tbody>
</table>

## Wednesday, May 4, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00AM – 4:30PM</td>
<td>Exhibit Hall Move In</td>
<td>Liberty A</td>
</tr>
<tr>
<td>10:00AM – 6:00PM</td>
<td>Meeting Registration</td>
<td>Liberty Ballroom Foyer</td>
</tr>
<tr>
<td>10:00AM – 6:00PM</td>
<td>Speaker Services</td>
<td>Salon 9</td>
</tr>
<tr>
<td>11:30AM – 12:30PM</td>
<td>Corporate Lunch Symposium – Terumo Blood and Cell Technologies <em>(Open to all registered delegates)</em></td>
<td>Liberty B</td>
</tr>
<tr>
<td>1:00PM – 1:30PM</td>
<td>Opening Remarks and Awards Presentation</td>
<td>Liberty B</td>
</tr>
<tr>
<td>1:30PM – 4:45PM</td>
<td>Opening Symposium: The Role of Apheresis in Curative Therapies for Hemoglobinopathies</td>
<td>Liberty B</td>
</tr>
<tr>
<td>3:00PM – 3:30PM</td>
<td>Break in Foyer</td>
<td>Liberty Ballroom Foyer</td>
</tr>
<tr>
<td>3:30PM – 4:45PM</td>
<td>Education Session I: Donor Apheresis</td>
<td>Liberty D</td>
</tr>
<tr>
<td>4:30PM – 5:30PM</td>
<td>Poster Move In</td>
<td>Liberty Ballroom Foyer</td>
</tr>
<tr>
<td>5:15PM – 6:00PM</td>
<td>Francis S. Morrison, MD Memorial Lecture</td>
<td>Liberty B</td>
</tr>
<tr>
<td>6:00PM – 7:00PM</td>
<td>New Member and First Time Attendee Meet and Greet</td>
<td>Liberty D</td>
</tr>
<tr>
<td>6:00PM – 7:00PM</td>
<td>Qualification in Apheresis (QIA) Recognition Reception</td>
<td>Liberty C</td>
</tr>
<tr>
<td>7:00PM – 9:00PM</td>
<td>Welcome Reception in Exhibit &amp; Poster Hall</td>
<td>Liberty A &amp; Liberty Ballroom Foyer</td>
</tr>
<tr>
<td>8:00PM – 10:00PM</td>
<td>ASFA Past Presidents’ Dinner <em>(By invitation only)</em></td>
<td>Offsite</td>
</tr>
</tbody>
</table>

## Thursday, May 5, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00AM – 5:30PM</td>
<td>Meeting Registration</td>
<td>Liberty Ballroom Foyer</td>
</tr>
<tr>
<td>7:00AM – 5:30PM</td>
<td>Speaker Services</td>
<td>Salon 9</td>
</tr>
<tr>
<td>7:00AM – 8:45AM</td>
<td>Continental Breakfast</td>
<td>Liberty Ballroom Foyer</td>
</tr>
<tr>
<td>7:30AM – 8:30AM</td>
<td>Expert Lounges <em>(First-come, first-served – arrive early for your favorite topic!)</em></td>
<td>Liberty C</td>
</tr>
<tr>
<td>8:15AM – 8:45AM</td>
<td>Diversity, Equity, and Inclusion Coffee and Conversation</td>
<td>Salon 3, 4</td>
</tr>
<tr>
<td>8:45AM – 10:15AM</td>
<td>Education Session II: Research in Apheresis</td>
<td>Liberty D</td>
</tr>
<tr>
<td>10:00AM – 6:30PM</td>
<td>Exhibit Hall Open</td>
<td>Liberty A</td>
</tr>
<tr>
<td>10:15AM – 10:45AM</td>
<td>Break in Exhibit &amp; Poster Hall</td>
<td>Liberty A &amp; Liberty Ballroom Foyer</td>
</tr>
</tbody>
</table>
# ACADEMIC PROGRAM

## Thursday, May 5, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:45AM – 12:15PM</td>
<td>Concurrent Session Education Session III: Joint AABB/ASFA Session: Challenging Donor and Therapeutic Apheresis Consults from Clinical and Ethical/ Legal Perspectives</td>
<td>Liberty D</td>
</tr>
<tr>
<td>12:30PM – 1:30PM</td>
<td>Corporate Lunch Symposium – Alexion (Open to all registered delegates)</td>
<td>Liberty C</td>
</tr>
<tr>
<td>12:30PM – 1:30PM</td>
<td>Lunch in Exhibit Hall</td>
<td>Liberty A</td>
</tr>
<tr>
<td>12:30PM – 1:30PM</td>
<td>Committee Chairs Meeting with the Board (By invitation only)</td>
<td>Salon 3, 4</td>
</tr>
<tr>
<td>1:45PM – 3:15PM</td>
<td>Concurrent Session Education Session IV: Vascular Access – Tips &amp; Tricks/Best Practices</td>
<td>Liberty B</td>
</tr>
<tr>
<td>3:15PM – 3:45PM</td>
<td>Break in Exhibit &amp; Poster Hall</td>
<td>Liberty A &amp; Liberty Ballroom Foyer</td>
</tr>
<tr>
<td>3:45PM – 5:15PM</td>
<td>Concurrent Session Abstract Session I: Donor Apheresis</td>
<td>Liberty D</td>
</tr>
<tr>
<td>3:45PM – 5:15PM</td>
<td>Concurrent Session Education Session V: ASFA Forum Live – Ask the Experts</td>
<td>Liberty B</td>
</tr>
<tr>
<td>5:30PM – 6:30PM</td>
<td>Poster Networking Evening in Exhibit &amp; Poster Hall</td>
<td>Liberty A &amp; Liberty Ballroom Foyer</td>
</tr>
<tr>
<td>7:00PM – 9:00PM</td>
<td>ASFA 2022 Reception at the Mutter Museum (Pre-registration with ASFA required)</td>
<td>Mutter Museum</td>
</tr>
</tbody>
</table>

## Friday, May 6, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00AM – 5:00PM</td>
<td>Meeting Registration</td>
<td>Liberty Ballroom Foyer</td>
</tr>
<tr>
<td>7:00AM – 5:00PM</td>
<td>Speaker Services</td>
<td>Salon 9</td>
</tr>
<tr>
<td>7:00AM – 8:45AM</td>
<td>Continental Breakfast</td>
<td>Liberty Ballroom Foyer</td>
</tr>
<tr>
<td>7:30AM – 8:30AM</td>
<td>Expert Lounges (First-come, first-served – arrive early for your favorite topic)</td>
<td>Liberty C</td>
</tr>
<tr>
<td>8:45AM – 10:15PM</td>
<td>Concurrent Session Plenary Abstract Session</td>
<td>Liberty B</td>
</tr>
<tr>
<td>8:45AM – 10:15PM</td>
<td>Concurrent Session Education Session VI: Therapeutic Apheresis</td>
<td>Liberty D</td>
</tr>
<tr>
<td>10:00AM – 4:30PM</td>
<td>Exhibit Hall Open</td>
<td>Liberty A</td>
</tr>
<tr>
<td>10:15AM – 10:45AM</td>
<td>Break in Exhibit &amp; Poster Hall</td>
<td>Liberty A &amp; Liberty Ballroom Foyer</td>
</tr>
<tr>
<td>10:45AM – 12:15PM</td>
<td>Concurrent Session Abstract Session II: Therapeutic Apheresis</td>
<td>Liberty B</td>
</tr>
<tr>
<td>10:45AM – 12:15PM</td>
<td>Concurrent Session Education Session VII: Program Management and Professional Development</td>
<td>Liberty D</td>
</tr>
<tr>
<td>12:15PM – 1:30PM</td>
<td>Lunch in Exhibit Hall</td>
<td>Liberty A</td>
</tr>
<tr>
<td>12:30PM – 1:30PM</td>
<td>Committee Meetings (New members welcome!)</td>
<td>Liberty C</td>
</tr>
<tr>
<td>1:45PM – 2:30PM</td>
<td>Annual Business Meeting (ASFA members only)</td>
<td>Liberty B</td>
</tr>
<tr>
<td>2:45PM – 5:15PM</td>
<td>Concurrent Session Closing Symposium: Novel Indications and Modifications for Therapeutic Apheresis</td>
<td>Liberty B</td>
</tr>
<tr>
<td>2:45PM – 3:45PM</td>
<td>Concurrent Session Education Session VIII: The Impact of Therapeutic Plasma Exchange on Hemostasis</td>
<td>Liberty D</td>
</tr>
<tr>
<td>3:45PM – 4:15PM</td>
<td>Break in Exhibit &amp; Poster Hall</td>
<td>Liberty A &amp; Liberty Ballroom Foyer</td>
</tr>
<tr>
<td>4:00PM – 5:00PM</td>
<td>Penn Medicine Cellular Therapy Program Tour for ASFA Delegates (Pre-registration with ASFA required)</td>
<td>Offsite, Meet in Hotel Lobby at 3:45pm</td>
</tr>
<tr>
<td>4:15PM – 5:15PM</td>
<td>Concurrent Session Education Session IX: Quality</td>
<td>Liberty D</td>
</tr>
<tr>
<td>4:15PM – 4:30PM</td>
<td>Poster Move Out</td>
<td>Liberty Ballroom Foyer</td>
</tr>
<tr>
<td>4:30PM – 8:00PM</td>
<td>Exhibit Hall Move Out</td>
<td>Liberty A</td>
</tr>
<tr>
<td>5:15PM – 6:00PM</td>
<td>Post-conference ASFA Board of Directors Meeting (By invitation only)</td>
<td>Salon 3, 4</td>
</tr>
</tbody>
</table>
# PROGRAM

## PRE-CONFERENCE – TUESDAY, MAY 3, 2022

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

## DAY 1 – WEDNESDAY, MAY 4, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00am – 4:30pm</td>
<td>Exhibit Hall Move In</td>
<td>Liberty A</td>
</tr>
<tr>
<td>10:00am – 6:00pm</td>
<td>Meeting Registration</td>
<td>Liberty Ballroom Foyer</td>
</tr>
<tr>
<td>10:00am – 6:00pm</td>
<td>Speaker Services</td>
<td>Salon 9</td>
</tr>
<tr>
<td>11:30am – 12:30pm</td>
<td>Corporate Lunch Symposium - Terumo Blood and Cell Technologies (Open to all registered delegates)</td>
<td>Liberty 9</td>
</tr>
<tr>
<td>1:00pm – 1:30pm</td>
<td>Opening Remarks&lt;br&gt;ASFA President, Walter Linz, MD, MBA &amp; ASFA President-Elect and Organizing Chair, Yara Park, MD&lt;br&gt;Awards Presentation&lt;br&gt;ASFA Awards Committee Chair, Yvette Miller, MD, ABIHM</td>
<td>Liberty B</td>
</tr>
<tr>
<td>1:30pm – 3:00pm</td>
<td>Opening Symposium: The Role of Apheresis in Curative Therapies for Hemoglobinopathies&lt;br&gt;Chairs: Nicole Aqui, MD &amp; Suzanne Thibodeaux, MD, PhD</td>
<td>Liberty B</td>
</tr>
<tr>
<td></td>
<td>1:30pm – 2:00pm Cell Therapy for Hemoglobinopathies – Past, Present and Future</td>
<td>John Tisdale, MD</td>
</tr>
<tr>
<td></td>
<td>2:00pm – 2:30pm RBC Exchange in Setting of Cellular Therapy for Hemoglobinopathies</td>
<td>Yvette Tanhehco, MD, PhD, MS</td>
</tr>
<tr>
<td></td>
<td>2:30pm – 3:00pm Stem Cell Collection Outcomes in Patients with Sickle Cell Disease</td>
<td>John Manis, MD</td>
</tr>
<tr>
<td></td>
<td>3:00pm – 3:30pm Break in Foyer</td>
<td>Liberty Ballroom Foyer</td>
</tr>
</tbody>
</table>
## DAY 1 – WEDNESDAY, MAY 4, 2022

### Opening Symposium (Continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:30pm</td>
<td>The Importance of Patient Advocacy in Cellular Therapy for Hemoglobinopathies</td>
<td>Adrienne Bell-Cors Shapiro</td>
</tr>
<tr>
<td>4:00pm</td>
<td>A CRISPR Focus Into the Attitudes and Beliefs of Sickle Cell Patients, Parents, and Providers Towards Gene Editing</td>
<td>Anitra Persaud, BA</td>
</tr>
<tr>
<td>4:30pm</td>
<td>Q&amp;A and Open Discussion</td>
<td></td>
</tr>
</tbody>
</table>

### Concurrent Session: Education Session I: Donor Apheresis

**Chair:** Kira Geile, MSN, RN, CPNP

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:30pm</td>
<td>Introduction of a New Apheresis Product during a Pandemic (US Experience)</td>
<td>Antonia Hagen-Coonradt, BSB</td>
</tr>
<tr>
<td>3:55pm</td>
<td>Introduction of a New Apheresis Product during a Pandemic (European Experience)</td>
<td>Annemieke de Fijter, CIM</td>
</tr>
<tr>
<td>4:20pm</td>
<td>Diversity in Donor Apheresis</td>
<td>Yvette Miller, MD, ABIHM</td>
</tr>
</tbody>
</table>

### Concurrent Session: Poster Move In

**Time:** 4:30pm – 5:30pm

### 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.*

**Title:** How I Used The Tools That ASFA Gave Me To Give Back

**Speaker:** Marisa B. Marques, MD

### New Member and First Time Attendee Meet and Greet

**Time:** 6:00pm – 7:00pm

### Qualification in Apheresis (QIA) Recognition Reception

**Time:** 6:00pm – 7:00pm

All those who have achieved their QIA and ASCP Certifications are invited to attend.

### Welcome Reception in Exhibit & Poster Hall

**Time:** 7:00pm – 9:00pm

*Please join us for a drink, hors d’oeuvres, and to network with your colleagues!*

### ASFA Past Presidents’ Dinner (By invitation only)

**Time:** 8:00pm – 10:00pm

**Location:** Offsite

## DAY 2 – THURSDAY, MAY 5, 2022

### Meeting Registration

**Time:** 7:00am – 5:30pm

**Location:** Liberty Ballroom Foyer

### Speaker Services

**Time:** 7:00am – 5:30pm

**Location:** Salon 9

### Continental Breakfast

**Time:** 7:00am – 8:45am

**Location:** Liberty Ballroom Foyer
## DAY 2 – THURSDAY, MAY 5, 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.

**Chair:** Kira Geile, RN, CPNP

<table>
<thead>
<tr>
<th>Topic</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apheresis Donor Retention Programs</td>
<td>David Oh, MD</td>
</tr>
<tr>
<td>How to Communicate and Comply with Multiple Clinical Trials</td>
<td>Suzanne Thibodeaux, MD, PhD</td>
</tr>
<tr>
<td>Regulatory &amp; Financial Aspects of Immune Effector Cell Collections</td>
<td>Nicole Aqui, MD</td>
</tr>
<tr>
<td>Qualification in Apheresis: Questions and Answers</td>
<td>Chrissy Anderson, RN, BSN, HP(ASCP)</td>
</tr>
<tr>
<td>Role of Advanced Practice Provider</td>
<td>Amelework Wodajo, M.S.N, APRN, AGACNP-BC</td>
</tr>
<tr>
<td>Elements of the Apheresis Medicine Consultation</td>
<td>Walter Linz, MD, MBA</td>
</tr>
<tr>
<td>Management of Mobile Apheresis Programs</td>
<td>Peggy Reid, RN, QIA</td>
</tr>
<tr>
<td>The Role of ASFA in Promoting Equity and Diversity in Apheresis Medicine: Let’s Get Started!</td>
<td>Yvette Miller, MD, ABIHM &amp; Michael Linenberger, MD</td>
</tr>
<tr>
<td>ECP Challenges</td>
<td>Phillip DeChristopher, MD</td>
</tr>
<tr>
<td>Pediatric HPC, MNC, &amp; CAR-T</td>
<td>Maria Di Mola, RN, Med</td>
</tr>
<tr>
<td>HPC Collections: Challenges with Sickle Cell Disease Patients</td>
<td>Cheryl Pacheco, BSN, RN, CPN, QIA</td>
</tr>
<tr>
<td>Calcium Supplementation Practices</td>
<td>Andrew Nord, PA-C, MT(ASCP), QIA</td>
</tr>
<tr>
<td>ASFA Choosing Wisely Champions</td>
<td>Ileana Lopez-Plaza, MD &amp; Vishesh Chhibber, MD</td>
</tr>
</tbody>
</table>

### 8:15am – 8:45am  
**Diversity, Equity, and Inclusion Coffee and Conversation**

### 8:45am – 10:15am  
**Concurrent Session**


**Chair:** Edward Wong, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45am – 9:25am</td>
<td>VWF/ADAMTS13: The Yin and Yang of Thrombosis</td>
<td>Jamie O’Sullivan, MD</td>
</tr>
<tr>
<td>9:25am – 10:05am</td>
<td>ADAMTS-13 - von Willebrand Factor Axis in the Development of Sepsis with Multiple Organ Dysfunction Syndrome</td>
<td>Trung C. Nguyen, MD</td>
</tr>
<tr>
<td>10:05am – 10:15am</td>
<td>Q&amp;A and Open Discussion</td>
<td></td>
</tr>
</tbody>
</table>

#### Education Session II: Research in Apheresis

**Chair:** Cheryl Pacheco, BSN, RN, CPN, QIA

<table>
<thead>
<tr>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>8:45am – 9:30am</td>
<td>You Need Research and Research Needs You</td>
<td>DaiWai M. Olson, PhD, RN, FNCS</td>
</tr>
<tr>
<td>9:30am – 10:15am</td>
<td>Beginning Research in Nursing Practice</td>
<td>Kaitlin Paine, BSN, RN, CPN</td>
</tr>
</tbody>
</table>

### 10:00am – 6:30pm  
**Exhibit Hall Open**

**Liberty A & Liberty Ballroom Foyer**
# ACADEMIC PROGRAM

## DAY 2 – THURSDAY, MAY 5, 2022

### 10:45am – 12:15pm

**Concurrent Session**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:45am – 11:25am</td>
<td>COVID19, The vWF-ADAMTS 13 Axis, and Plasma Exchange Therapy by <strong>Phillip Keith, MD &amp; Joseph Carcillo, MD</strong></td>
</tr>
<tr>
<td>11:25am – 12:05pm</td>
<td>The Role of ADAMTS13 and von Willebrand Factor in Heparin-induced Thrombocytopenia by <strong>X. Long Zheng, MD, PhD</strong></td>
</tr>
<tr>
<td>12:05pm – 12:15pm</td>
<td>Q&amp;A and Open Discussion</td>
</tr>
</tbody>
</table>

**Scientific Symposium (Continued)**

Liberty B

### 10:45am – 12:15pm

**Concurrent Session**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:45am – 11:15am</td>
<td>Challenging Cases in Collections for Cellular Therapy Products by <strong>Huy P. Pham, MD, MPH</strong></td>
</tr>
<tr>
<td>11:15am – 11:45am</td>
<td>Challenging Apheresis Cases: Working Through It by <strong>Monika Paroder, MD, PhD</strong></td>
</tr>
<tr>
<td>11:45am – 12:15pm</td>
<td>Ethical and Legal Aspects of Apheresis Consultations by <strong>J. Mills Barbeau, MD, JD</strong></td>
</tr>
</tbody>
</table>

**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**

Liberty D

### 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**

Chairs: **Betty Doggett, AT(ASCP) & Alicia Garcia, RN, HP(ASCP)**

Liberty B

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** by **Jill Adamski, MD, PhD**
- **Standard Double Lumen Port** by **Sonja Vozniak, RN, BSN**
- **Ultrasound Guided Venous Access** by **James West, BBA, BSN, RN, QIA (ASCP)**
- **Peripheral Access** by **Peggy Reid, RN, QIA(ASCP)**
- **Central Line Access** by **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**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
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<tr>
<td>3:45pm – 4:00pm</td>
<td>Blood Volume Processed Cannot Be Effectively Used as a Collection Endpoint When Collecting PBMCS From Healthy Donors by <strong>Laurie J Sutor, MD, MBA</strong></td>
</tr>
<tr>
<td>4:00pm – 4:15pm</td>
<td>Implementation Of a Systematic Grid- And Checklist-Based System to Reduce Error and Achieve Therapeutic Goals in Apheresis MNC Collection Procedures by <strong>Tamarah Kent, BSN, RN</strong></td>
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</tbody>
</table>
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  Liberty A & Liberty Ballroom Foyer

**Poster Networking Evening in Exhibit & Poster Hall**

Please join us for a drink, hors d’oeuvres, and to visit the abstract posters.

7:00pm – 9:00pm  Liberty Ballroom Foyer

**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.

DAY 3 – FRIDAY, MAY 6, 2022

7:00am – 5:00pm  Liberty Ballroom Foyer

7:00am – 5:00pm  Speaker Services  
Salon 9

7:00am – 8:45am  Liberty Ballroom Foyer

Continental Breakfast
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.

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(AACSP)
- 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 Strzempekowski-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

8:45am – 10:15am
**Plenary Abstract Session**
Chairs: Jill Adamski, MD & Jaleah Hawkins, MD
* denotes an award winner

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:45am – 9:00am*</td>
<td>The First Report of The American Society for Apheresis Focal Segmental Glomerulosclerosis Multi-Institutional Registry</td>
<td>Poyyapakkam Srivaths, MD, MS</td>
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<tr>
<td>9:00am – 9:15am*</td>
<td>Outcomes Of Heparin-Induced Thrombocytopenia (HIT) Treated with Therapeutic Plasma Exchange: First Report of The ASFA HIT Registry</td>
<td>Oluwatoyosi Onwuemene, MD, MS</td>
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<tr>
<td>9:15am – 9:30am</td>
<td>Vascular Age in Patients with Severe Hypercholesterolemia Treated with Lipoprotein Apheresis</td>
<td>Maya Safarova, MD, PhD</td>
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<tr>
<td>9:30am – 9:45am</td>
<td>Poor Mobilization and Plerixafor Use in Matched Related Peripheral Blood Stem Cell Donors; A Multi-Institutional ASFA HPC Donor Safety Study</td>
<td>Laura Cooling, MD, MS</td>
</tr>
<tr>
<td>9:45am – 10:00am</td>
<td>Plasma Adsorption Column Treatment in Critically Ill COVID-19 Patients: A One-Year Update</td>
<td>Christopher Webb, MD</td>
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<tr>
<td>10:00am – 10:15am</td>
<td>Endovascular Arteriovenous Fistula as Preferred Advanced Access for Apheresis; Case Series</td>
<td>Gustaaf de Ridder, MD, PhD</td>
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8:45am – 10:15am
**Education Session VI: Therapeutic Apheresis**
Chair: Brianna Cunigan, MSN, RN

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<tr>
<td>8:45am – 9:30am</td>
<td>Managing TPE in a High Acuity Setting</td>
<td>Daniel Noland, MD, FCAP, Pam Malvern, BSN, RN, CNN, QIA</td>
</tr>
<tr>
<td>9:30am – 10:15am</td>
<td>Outside the Room Apheresis</td>
<td>Chelsea Reyes, RN</td>
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### DAY 3 – FRIDAY, MAY 6, 2022

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<tr>
<td>10:00am – 4:30pm</td>
<td>Exhibit Hall Open</td>
<td>Liberty A</td>
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<tr>
<td>10:15am – 10:45am</td>
<td>Break in Exhibit &amp; Poster Hall</td>
<td>Liberty A &amp; Liberty Ballroom Foyer</td>
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</table>
| 10:45am – 12:15pm | **Concurrent Session** Abstract Session II: Therapeutic Apheresis  
**Chairs:** Jay Raval, MD & Kira Geile, MSN, RN, CPNP  
* denotes an award winner | 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 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** 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, QA(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** New members welcome!  
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:  
- Abstracts  
- Allied Health  
- Clinical Applications  
- Apheresis Physician  
- Education  
- International Affairs  
- Public Affairs and Advocacy  
- Research  
- Communications |
DAY 3 – FRIDAY, MAY 6, 2022

12:55pm – 1:05pm  Break

1:05pm – 1:30pm  Committee Meeting #2
Choose one of the following:
• 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.

2:45pm – 3:45pm  – Concurrent Session
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
Education Session VIII: The Impact of Therapeutic Plasma Exchange on Hemostasis
Chair: Kira Geile, RN, CPNP

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)

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)

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

4:30pm – 8:00pm  Exhibit Hall Move Out

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

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 IV SPEAKERS
Jill Adamski, MD, PhD
Sonja Voziak, 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 Aquil, 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, ASG CSSBB
Tomas Armendariz, BSN, RN, QIA(ASCP)
Maria Di Mola, RN, MEd

EDUCATION SESSION VIII SPEAKERS
Nicole Zantek, MD
Oluwatosoyi Onwuemewo, 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 Aquil, MD
Chriissy Anderson, RN, BSN, HP(ASCP)
Ameliewood 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
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Kira Geile, RN, CRNP
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
Oluwatosoyi Onwuemenwe, MD, MS
Maya Safarova, MD, PhD
Laura Cooling, MD, MS
Christopher Webb, MD
Gustaf 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-Corriero, MD
Vered Yahalom, MD
## POSTER ABSTRACT LISTINGS

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<td>Tien Nguyen, MD</td>
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<td>P-2</td>
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<td>Mischa L. Covington, MD, PhD</td>
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<td>TPE AS PART OF A MULTIMODALITY REGIMEN TO MANAGE MATERNAL ALLOIMMUNIZATION TO THE HIGH INCIDENCE U BLOOD GROUP ANTIGEN</td>
<td>Jessica Zehner, BSN</td>
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<td>Tamanna Afroz</td>
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<td>Chisa Yamada, MD</td>
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<td>Active shooter incident preparedness for the apheresis service</td>
<td>Julie K. Karp, MD</td>
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<td>P-10</td>
<td>State of the practice: care and maintenance of apheresis grade port-a-catheters</td>
<td>Kaitlin Paine, BSN, RN, CPN</td>
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<td>A standardized data collection resource for apheresis: a report from the apheresis in the us (apheresus) consensus panel</td>
<td>Andrew Johnson, MD</td>
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<td>Confronting challenges of RBC priming on the Therakos Cellex Photopheresis system in the pediatric population.</td>
<td>Aleh Bobr, MD</td>
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<td>It's a coin toss: an alternative approach to ECP during the COVID-19 pandemic</td>
<td>Jerel Lee S. Malong, RN, QIA</td>
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<td>Rescue attempt using therapeutic plasma exchange in a 35-year-old patient with COVID-19 associated acute transverse myelitis presenting as myoclonus</td>
<td>Lisa Shrage, RN, QIA</td>
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<td>Frozen in time- too much product; too little storage; so little time</td>
<td>Carmel Sergio, BSc</td>
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<td>Use of therapeutic plasma exchange in a patient with autoimmune encephalitis with abnormal movements and elevated onconeural antibodies</td>
<td>Jamie Shah, DO</td>
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<td>Criticality of document integrity in provision of raw material for cell and gene therapy manufacturing.</td>
<td>Erin Schaller, BSc, RN</td>
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<td>Fresh frozen plasma as a substitute for low-dose intravenous immune globulin to prevent hypo gammaglobulinemia post-therapeutic plasma exchange</td>
<td>Brittney Thiele</td>
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**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.
ACADEMIC PROGRAM

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

ASFA 23
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