The corporate satellite symposiums are separate from the ASFA official CME Program and do not confer any CME Credit.

CORPORATE PROGRAM AND EXHIBITOR GUIDE

Visit www.apheresis.org

ASFA 2017
ANNUAL MEETING
MAY 3–6
An educational & networking forum for professionals in the field of apheresis medicine

FORT LAUDERDALE
FLORIDA
The Westin Beach Resort & Spa

CORPORATE PROGRAM AND EXHIBITOR GUIDE

Visit www.apheresis.org
Setting the Pace
in Long-Term Vascular Access

Visit the Bard booth to learn more about our long-term vascular access products and how Bard is setting the pace.
CORPORATE SUPPORTERS

ASFA wishes to acknowledge the support of all of the companies and organizations who contributed generously to the ASFA 2017 Annual Meeting.

KEYNOTE LEVEL SUPPORTER

TERUMO BCT
Unlocking the Potential of Blood

PLATINUM LEVEL SUPPORTER

Mallinckrodt Pharmaceuticals

BRONZE LEVEL SUPPORTERS

FRESENIUS KABI
caring for life

Baxter

SYMPOSIA AND FOCUS GROUP SUPPORTERS

MACS Miltenyi Biotec

ALEXION

SANOFI GENZYME

FRESENIUS KABI
caring for life

TERUMO BCT
Unlocking the Potential of Blood

Mallinckrodt Pharmaceuticals

5K FUN RUN SUPPORTERS

FRESENIUS KABI
caring for life

Mallinckrodt Pharmaceuticals

AWARD SUPPORTER

ITxM
The Institute for Transfusion Medicine
### PROGRAM

#### Wednesday, May 3, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00PM – 8:00PM</td>
<td>WELCOME RECEPTION</td>
<td>Las Olas &amp; Foyer</td>
<td>Supported by Terumo BCT</td>
</tr>
<tr>
<td>Wednesday – Friday</td>
<td>THERAKOS DEVICE TECHNOLOGY SUITE</td>
<td>Everglades</td>
<td>Supported by Mallinckrodt Pharmaceuticals, invite only</td>
</tr>
</tbody>
</table>

#### Thursday, May 4, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:15AM – 10:45AM</td>
<td>Coffee Break</td>
<td>Las Olas &amp; Foyer</td>
<td>Supported by Fresenius Kabi USA, LLC</td>
</tr>
<tr>
<td>12:30PM – 1:30PM</td>
<td>CORPORATE LUNCH SYMPOSIUM</td>
<td>Oceanside I &amp; II</td>
<td>Open to all registered delegates; Supported by Terumo BCT</td>
</tr>
<tr>
<td></td>
<td>WHAT SETS THE SPECTRA OPTIA APHERESIS SYSTEM APART?</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speakers: Doreen Condon, RN, Senior Product Support and Training Specialist and Jennifer Wheeler, Therapeutics Scientific Manager – North America</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>The COBE® Spectra Apheresis System and the Spectra Optia® Apheresis systems are used worldwide and consist of a variety of both therapeutic apheresis and cell collection protocols. The Spectra Optia system, introduced in 2007, is the next-generation platform that provides enhanced performance and additional features. This symposium will focus on the similarities between the system protocols and highlight the key features that set Spectra Optia apart.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:45PM – 4:15PM</td>
<td>Coffee Break</td>
<td>Las Olas &amp; Foyer</td>
<td>Supported by Fresenius Kabi USA, LLC</td>
</tr>
<tr>
<td>6:00PM – 8:00PM</td>
<td>Poster Networking Evening</td>
<td>Las Olas &amp; Foyer</td>
<td>Supported by Mallinckrodt Pharmaceuticals</td>
</tr>
<tr>
<td>7:00pm – 9:00pm</td>
<td>FOCUS GROUP</td>
<td>Sawgrass</td>
<td>Supported by Sanofi Genzyme, invite only</td>
</tr>
<tr>
<td>Time</td>
<td>Event</td>
<td>Location</td>
<td>Supporter</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------------------------------------------------------------</td>
<td>-------------------------------</td>
<td>---------------------------------------------------------------------------</td>
</tr>
<tr>
<td>6:00AM – 7:00AM</td>
<td><strong>5K FUN RUN</strong></td>
<td><strong>Pool Deck</strong></td>
<td><strong>Supported by Fresenius Kabi USA, LLC and Mallinckrodt Pharmaceuticals</strong></td>
</tr>
<tr>
<td>10:15AM – 10:45AM</td>
<td><strong>Coffee Break</strong></td>
<td><strong>Las Olas &amp; Foyer</strong></td>
<td></td>
</tr>
<tr>
<td>12:30PM – 1:30PM</td>
<td><strong>CORPORATE LUNCH SYMPOSIUM</strong> (Open to all registered delegates)</td>
<td><strong>Atlantic I, II, V, VI</strong></td>
<td><strong>Supported by Alexion Pharmaceuticals</strong></td>
</tr>
<tr>
<td></td>
<td><strong>THE TMA IN YOUR CLINICAL PRACTICE: A DISCUSSION ON IDENTIFYING PATIENTS WITH AHUS IN THE APHERESIS SETTING</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Speaker: Scott Koepsell, MD, PhD, Assistant Professor, Department of Pathology and Microbiology, University of Nebraska Medical Center, Medical Director, Division of Transfusion and Tissue Services &amp; Coagulation Services, Nebraska Medicine, Nebraska Medical Center</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Distinguish atypical hemolytic uremic syndrome (aHUS) from other thrombotic microangiopathies (TMAs) with similar clinical presentations</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Describe clinical considerations in the differential diagnosis of TTP, aHUS and STEC-HUS and the treatment goals for each</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Outline updates to the ASFA guidelines on TMA and the limitations of PE/PI in aHUS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:30PM – 1:30PM</td>
<td><strong>CORPORATE LUNCH SYMPOSIUM</strong> (Open to all registered delegates)</td>
<td><strong>Atlantic III, IV</strong></td>
<td><strong>Supported by Fresenius Kabi USA, LLC</strong></td>
</tr>
<tr>
<td></td>
<td><strong>FIRST EUROPEAN DATA FROM THE NEW AMICUS RBCX PROTOCOL IN ROUTINE USE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Speaker: Volker Witt, MD, St. Anna Kinderspital, Medical Head of Blood Donation Center, Editor, Journal of Clinical Apheresis, Senior Editor, Transfusion &amp; Apheresis Science</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>A scientific review and discussion of the abstract titled:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>A NEW PROGRAM FOR AUTOMATED RED CELL EXCHANGE; A RETROSPECTIVE ANALYSIS IN CHILDREN AND YOUNG ADULTS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:45PM – 4:15PM</td>
<td><strong>Coffee Break</strong></td>
<td><strong>Las Olas &amp; Foyer</strong></td>
<td><strong>Supported by Baxter Healthcare</strong></td>
</tr>
<tr>
<td>7:00pm – 10:00pm</td>
<td><strong>FOCUS GROUP</strong></td>
<td><strong>Sawgrass</strong></td>
<td><strong>Supported by Mallinckrodt Pharmaceuticals, invite only</strong></td>
</tr>
</tbody>
</table>
Malachite is proud to provide professional management services to the American Society for Apheresis since 2005.

www.malachite-mgmt.com

Please visit the Mallinckrodt exhibit for more information

www.therakos.com
Customer Care (24/7): 1-877-566-9466

Please see full Prescribing Information including boxed warning available at the exhibit

www.malachite-mgmt.com
The corporate satellite symposiums are separate from the ASFA official CME Program and do not confer any CME Credit.
ALEXION PHARMACEUTICALS

Alexion is a global biopharmaceutical company that focuses on developing and delivering life-transforming therapies for patients with devastating and rare disorders. Alexion developed and commercializes the first and only approved complement inhibitor to treat patients with PNH and aHUS. In addition, Alexion’s metabolic franchise includes two highly innovative enzyme replacement therapies.

ANGIODYNAMICS

AngioDynamics Inc. is a leading provider of innovative, minimally invasive medical devices used by professional healthcare providers for vascular access, surgery, peripheral vascular disease and oncology. AngioDynamics’ diverse product lines include market-leading ablation systems, fluid management systems, vascular access products, angiographic products and accessories, angioplasty products, drainage products, thrombolytic products and venous products. More information is available at www.AngioDynamics.com.

BARD BV

Bard Peripheral Vascular, Inc. provides a range of interventional medical devices specifically designed for the treatment of peripheral arterial, hemodialysis access and venous disease. BPV product offerings include the PowerPort® CLEARVUE™ Implantable Port, a lightweight port designed for patient comfort and radio translucent technology.

BAXTER HEALTHCARE CORPORATION

Baxter renal products help make renal care options more accessible to the individual. We’re advancing renal care for the millions of patients with end-stage renal disease and acute kidney injury worldwide, while investing in the research and breakthrough technologies to simplify dialysis and therapy. We provide a full range of dialysis and therapy options for patient-specific care, including in-center hemodialysis, peritoneal dialysis and continuous renal replacement therapy, backed by industry-leading services for patients and clinicians.

FRESENIUS KABI USA, LLC

Fresenius Kabi is a leading global health care company focused on putting lifesaving medicines and technologies in the hands of those who care for critically and chronically ill patients. We bring more than 60 years of innovation in cell collection, separation and processing. Today, the team is
focused on serving the needs of the Therapeutic Apheresis and Cellular Therapy communities. The Gentle Science design of the Fenwal Amicus platform brings precision MNC collection and therapeutic plasma exchange (TPE) to customers. Lovo is the only cell processing system that washes and concentrates white blood cells using spinning membrane filtration technology.

**FRESENIUS MEDICAL CARE**

Fresenius Medical Care’s Therapeutic Apheresis Program provides high quality patient care, while substantially reducing the cost of these services to medical centers. We provide a fully equipped apheresis program to include state of the art equipment, specialty trained registered nurses and Medical Director oversight. We provide: Plasmapheresis, Leukocytapheresis, Thrombocytapheresis, Erythrocyapherisis; LDL Apheresis, Photopheresis. Treating: Thrombotic Thrombocytopenic Purpura (TTP), Sickle Cell Disease, Guillain-Barre Syndrom (GBS); Myasthenia Gravis; Autoimmune Polyneuropathies; Pulmonary Renal Syndrome; Systemic Lupus Erythematosus.

**KANEKA PHARMA AMERICA, LLC**

Kaneka’s Liposorber Apheresis System is FDA approved for the acute reduction of LDL cholesterol (73-83%) in patients with Familial Hypercholesterolemia and patients who cannot meet their LDL-C goals despite maximum drug therapy. The Liposorber treatment is reimbursed by government and private insurance, and is used in hospitals, clinics, and physician offices across the country.

**MACHAON DIAGNOSTICS**

Machaon Diagnostics is a clinical reference laboratory, serving apheresis providers by providing 24-hour turnaround times, nation-wide, for ADAMTS-13 testing and 2-5 day turnaround times for aHUS genetic testing. We are a key component in helping correctly diagnosis and treat patients with TMAs. Our lab specializes in the diagnosis, treatment and monitoring of hemostatic and thrombotic conditions.

**MALLINCKRODT PHARMACEUTICALS**

Mallinckrodt is a global business that develops, manufactures, markets and distributes specialty pharmaceutical and biopharmaceutical products and therapies, as well as nuclear imaging products. Our Specialty Brands segment includes branded medicines; the Specialty Generics segment includes specialty generic drugs, active pharmaceutical ingredients and external manufacturing; and the Nuclear Imaging segment includes nuclear imaging agents. Mallinckrodt is the only provider of integrated systems for the delivery of Extracorporeal Photopheresis (ECP). To learn more about this product, visit www.therakos.com.

**MILTENYI BIOTEC**

Miltonyi Biotec is a global provider of products and services that advance biomedical research and cellular therapy. Our innovative tools support research at every level, from basic research to translational research to clinical application.
This integrated portfolio enables scientists and clinicians to obtain, analyze, and utilize the cell. Our technologies cover techniques of sample preparation, cell isolation, cell sorting, flow cytometry, cell culture, molecular analysis, and preclinical imaging. Our more than 25 years of expertise spans research areas including immunology, stem cell biology, neuroscience, and cancer, and clinical research areas like hematology, graft engineering, and apheresis. In our commitment to the scientific community, we also offer comprehensive scientific support, consultation, and expert training. Today, Miltenyi Biotec has more than 1,700 employees in 25 countries – all dedicated to helping researchers and clinicians around the world make a greater impact on science and health.

NANOENTEK INC.

NanoEnTek
Revolutionary Wave for Human Welfare

NanoEnTek is the manufacturer of Adam II, a bench top fluorescent CD34/CD45 counting analyzer that can be used in hospitals and research laboratories. Adam II will count CD34 and CD45 cells in addition to providing viability data for both CD34 and CD45 cell counts. Adam II is extremely accurate, fast, and easy to use in your lab.

NORFOLK MEDICAL PRODUCTS, INC.

Norfolk Medical

Norfolk medical is a privately-held company that focuses on the design, manufacture, and distribution of medical devices. Since 1981, Norfolk Medical has provided innovative access solutions for the needs of healthcare providers and patients worldwide. All of our products are made domestically in our Skokie, IL facility, and we pride ourselves on producing the highest quality products on the market today.

OCTAPHARMA

Octapharma USA is a subsidiary of Octapharma AG, a global human protein products manufacturer. The company is dedicated to the research and manufacture of human proteins and has been committed to patient care and medical innovation for more than 30 years. Its core business is the development, production and sale of human proteins from human plasma and human cell-lines. Patients are treated with Octapharma products in the therapeutic areas of hematology, immunotherapy, and critical care. Octapharma USA is headquartered in Hoboken, N.J. Octapharma operates two state-of-the-art production sites licensed by the U.S. Food and Drug Administration (FDA), providing a high level of production flexibility. For more information, please visit www.octapharmausa.com, www.octagramus.net, www.octaplusus.com, www.nuwiqusa.com or www.wilateusa.com.

SANOFI GENZYME

Sanofi Genzyme is the specialty care global business unit of Sanofi, focused on rare diseases, multiple sclerosis, immunology, and oncology. We help people with debilitating and complex conditions that are often difficult to diagnose and treat. We are dedicated to discovering and advancing new therapies, providing hope to patients and their families around the world.
The corporate satellite symposiums are separate from the ASFA official CME Program and do not confer any CME Credit.

CORPORATE PROGRAM AND EXHIBITOR GUIDE

SEATTLE CANCER CARE ALLIANCE

Seattle Cancer Care Alliance brings together the leading research teams and cancer specialists of Fred Hutch, Seattle Children’s and UW Medicine. One extraordinary group whose sole mission is the pursuit of better, longer, richer lives for our patients. Seattle Cancer Care Alliance is ranked among the top ten cancer hospitals in the nation by U.S. News & World Report. Our care combines powerful science with devoted collaboration. Above all, we exist to move patients forward, past boundaries and toward hope.

TERUMO BCT

As a global leader, Terumo BCT is proud of our long-standing legacy of supporting clinicians to advance the field of apheresis. By collaborating with customers, we are enabling the best possible procedures today, increasing the number of clinicians adopting these procedures, identifying new uses and developing next-generation procedures. TERUMOBCT.COM

UC SAN DIEGO HEALTH SYSTEM

UC San Diego Health System has one of the largest therapeutic apheresis programs in the United States. Directed by David Ward, MD, an international leader in the field, the Apheresis Program is dedicated to the highest level of patient care.

UC San Diego Health System Apheresis Program offers:
- The only photopheresis and LDL apheresis in San Diego County.
- Outpatient plasmapheresis, photopheresis, LDL apheresis, red cell exchange apheresis, white cell reduction apheresis, platelet reduction apheresis and hematopoietic stem cell harvest apheresis.
- The largest hematopoietic stem cell (HSC) collection facility in San Diego County.
- Onsite physician presence during treatment.
- Latest state-of-the-art technology.

UNIVERSITY OF VIRGINIA THERAPEUTIC APHERESIS ACADEMY

This conference focuses on advancing medical knowledge, expanding interpersonal and communication skills, and demonstrating the importance of therapeutic apheresis as part of a continuum of care. The educational formats include lectures and end of day wrap-ups with Q&A sessions. Speakers were chosen for their recognized expertise in their content area and for their practical experience in the daily operation of an apheresis service. The hands-on lab gives participants a chance to perform various tasks in a controlled setting.
That’s where you’ll find us.

We are committed to advancing apheresis through procedure support and training, education and our focus on disease indications. We invite you to connect with us at our booth and symposium:

**Corporate Lunch Symposium**
*What Sets the Spectra Optia® Apheresis System Apart?*
Thursday, 4 May 2017, 12:30 p.m. to 1:30 p.m. (EST)
Presenters:
Jennifer Wheeler, Scientific Marketing Manager, Terumo BCT
Doreen Condon, Senior Product Support/Training Specialist, Terumo BCT

**Exhibit Hall**
- Meet on-site apheresis experts at our booth
- Find out about the $10,000 USD 2017 Advancing Apheresis Award
- Gain vascular access education

Questions after the conference? Email us at advancingapheresis@terumobct.com

TERUMOBCT.COM

©2017 Terumo BCT, Inc. / PN 306612208A