

ISBT TORONTO 2018

35th International Congress of the ISBT
Toronto, Canada

Final Programme

June 2 - 6, 2018



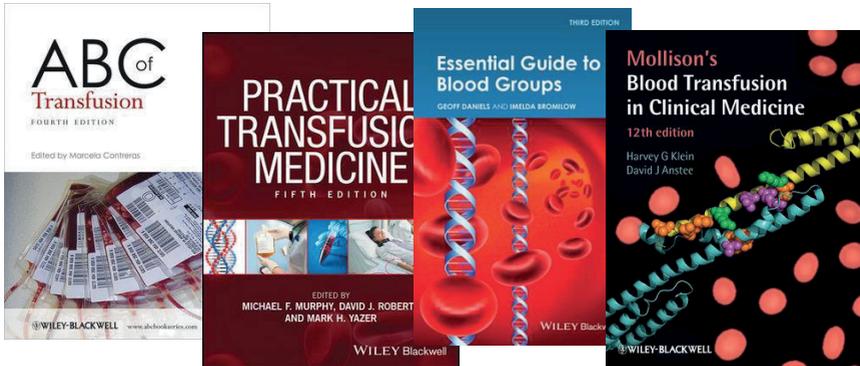
ISBT

International Society
of Blood Transfusion

In conjunction with the
annual conference of the CSTM



ISBT TEXT BOOK FUNDRAISER INITIATIVE



This Congress ISBT has partnered with the Global Blood Fund to ask for your contribution to fund transfusion medicine books for selected Blood Services, Centres and hospitals in African countries.

Global Blood Fund (GBF) is a non-profit organisation established in 2008 and registered as a charity in both the US and UK. It is run by practising blood banking professionals who share a deep concern about the huge global inequalities in access to safe blood and a determination to do something about this problem.

GBF has provided money, equipment, training and other forms of support to over 40 countries in Africa, Asia, Eastern Europe, the Middle East, Latin America, and the Caribbean.

Together we have chosen a set of four text books covering basic transfusion, immunohaematology and clinical transfusion knowledge.

Make your way to GBF at booth 1709 where you can make your donation, any contribution is highly appreciated!

Let's see how many books we can fund for Africa!

35th International Congress
of the International Society
of Blood Transfusion,
Toronto, Canada
June 2 - 6, 2018

ISBT
TORONTO
2018

Acknowledgements

Corporate Partners

ISBT is pleased to acknowledge the following Corporate Partners

GOLD



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Floor Plans

Word of Welcome Congress President

Dear friends and colleagues,

On behalf of the Canadian Society for Transfusion Medicine, Canadian Blood Services and Héma-Québec and ISBT, it is my pleasure to welcome you to the 35th International Congress of the International Society for Blood Transfusion.

During this event, you will have the opportunity to:

- Present the results of your research to your peers;
- Hear the latest developments in ongoing research in transfusion medicine and cellular therapies, from the bench to the bedside;
- Benefit from state-of-the-art reviews in the various areas of transfusion medicine and cellular therapies;
- Meet with friends, colleagues and exhibitors to exchange ideas and projects;

All of this in the wonderful environment of a vibrant and friendly city.

The ISBT Scientific Secretary and the Chair of the ISBT Academy have worked closely with the Local Organizing Committee to offer you an educational and scientific programme of world class and a wonderful social programme.

After participating in the various scientific sessions, I hope you will take the opportunity to visit the great city of Toronto, one of the most culturally diverse cities in the world, which has much to offer to the international visitor.



Gilles Delage
Congress President

Word of Welcome ISBT President

Dear colleagues,

On behalf of the ISBT Board of Directors and Management, it is my great pleasure to welcome you to the 35th International Congress of ISBT which is taking place in Toronto, Canada over the next five days. Many of you will have travelled long distances to be here and I hope that you have managed to get some rest ahead of a busy few days. For those of you who have attended Regional ISBT Congresses previously, welcome back and thank you very much for your continued support. I would also like to extend a warm welcome to delegates who are attending an ISBT congress for the very first time. I trust that you will thoroughly enjoy the various sessions as well as the interaction with other colleagues, and I encourage you to visit the ISBT booth (number 1019) to meet with ISBT staff and learn more about the various initiatives we are busy with.

The Canadian Society for Transfusion Medicine are our hosts this week and the local organizing committee has been working hard to ensure a memorable conference. I would like to express our sincere thanks to Gilles Delage, the Congress President and Katerina Pavenski, the Chair of the local organizing committee and their colleagues for their contribution and hard work.

Toronto is recognized as one of the most multicultural and cosmopolitan cities in the world with its inhabitants representing over 200 ethnic groups and early June is an ideal time to be a part of various cultural events that are taking place. Most of you would have already planned in advance which tourist spots you must visit while here. For delegates and partners who intend spending some additional time in Toronto, there certainly are numerous attractions that will keep you busy and ensure happy memories when you go back home. You will be able to sample cuisine from a vast selection of restaurants and enjoy the arts and culture. A visit to the Steam Whistle Brewery seems like a great idea, and for the more adventurous, try the hikes at the Toronto Island Park. If an overnight visit to the Niagara Falls is not possible, then try one of the many day tours to the Falls and surrounding wineries.

You may have had a chance to look at the programme for the Academy Day, Scientific Sessions and Symposia. The scientific programme will focus on state of the art presentations in transfusion medicine by invited speakers as well as oral and poster presentations from delegates. In recognition of the 200th anniversary of the first human to human blood transfusion, the last plenary session will focus on "The Past, Present and Future" giving delegates an opportunity to reflect on the history of transfusion medicine and to look forward to future developments. I would like to extend my sincere thanks to the Scientific Secretary, abstract reviewers and stakeholders for putting this programme together. The ISBT Vice Presidents have also put together a comprehensive series of lectures for the Academy Day on Sunday and I am sure there will be something of interest for all delegates.

Our corporate partners, sponsors and exhibitors are an integral part of our Congress and have been hard at work in preparing their exhibit booths and I welcome all of you to join us for the opening of the Exhibition on Sunday evening. We can look forward to innovation and new technology that will be on display. During the exhibition hours and evenings, there will be plenty of opportunities for socializing and networking with friends and colleagues in an informal atmosphere. I personally look forward to meeting with many of you over the next few days.



Ravi Reddy
ISBT President

Future ISBT Congresses

29th Regional Congress of the ISBT, Basel, Switzerland, June 22 - 26, 2019

30th Regional Congress of the ISBT, Bangkok, Thailand, November 16 - 19, 2019

36th International Congress of the ISBT, Barcelona, Spain, June 6 - 10, 2020

Website

Up-to-date information regarding the ISBT congress programme is available on the ISBT website:

www.isbtweb.org



International Society
of Blood Transfusion

Become a member today

Benefit from everything our international community has to offer

Go to www.isbtweb.org
or come to booth 1019
located in the exhibition area

Benefits of ISBT membership:

- Update your knowledge
- Meet colleagues
- International network
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With FREE access to:

- ISBT Education
- Webinars and Live Journal Clubs
- ISBT Forum
- Transfusion Today and Vox Sanguinis

Transfusion medicine professionals from all over the world join ISBT to share knowledge and improve blood transfusion practice.



Join us and be part
of our global community

Committees

ISBT Executive Committee

President:	Vengetassen (Ravi) Reddy (2016 - 2018)
President Elect:	Martin Olsson (2016 - 2018)
Vice President:	Erica Wood (2014 - 2018)
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ISBT Executive Director

Judith Chapman (Netherlands)

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Committees

Local Organising Committee & Local Scientific Committee

Congress President:	Gilles Delage
Chairperson:	Katerina Pavenski
Members:	Don Branch Jeannie Callum Connie Colavecchia Stephanie Cope Dana Devine Margaret Fearon Mindy Goldman Gwen Clarke Elizabeth Krok Alan Lazarus Lani Liebermann Yulja Lin Laura McKenzie Lisa Merkle Heyu Ni Elisabeth Semple John Semple Nadine Shehata Robert Skeate Troy Thompson Donna Wall Ann Wilson

ISBT Working Party Chairpersons

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ISBT

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for scientific facts,
recent studies
and the latest ISBT news

Reviewers

We would like to thank all reviewers for their time and efforts in reviewing the abstracts allocated to them:

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 Syria Laperche (France)
 Alan Lazarus (Canada)
 Cheuk-Kwong Lee (Hong Kong)
 Sofia Lejon Crottet (Switzerland)
 Jose Levi (Brazil)
 Marcel Levi (Netherlands)

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 Edward Lin (Singapore)
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Congress Organisers

ISBT

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Local PCO and Travel Agent

MCI Toronto
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Congress Organisation and Official Housing Bureau Congress Venue

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Schipluidenlaan 4
1062 HE Amsterdam
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E: Toronto@isbtweb.org
Registration & Housing E: ISBTregistration@mci-group.com

Congress Venue

Metro Toronto Convention Centre
22 Bremner Blvd
ON M5V 3L9
Toronto, Canada
T: + 1 416 585 8000
W: <http://www.mtccc.com/>

Become an ISBT member and access ISBT Education (formerly known as Academy ePortal)



A wide variety of educational content
in one place, regularly updated with the
latest developments in Transfusion Medicine

- Congress webcasts
- Webinars
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- Practice guidelines
- Interviews
- eBooks
- And much more...

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International Society
of Blood Transfusion

Meet the ISBT Team



Judith Chapman
Executive Director



Eszter Herczenik
Scientific Officer



Mildred Kada
Membership and
Office Manager



Ralph Zepeda
Financial Manager



Bodine van Wingerden
Stakeholder and Marketing
Coordinator



Florine Bos
Communications
Coordinator

Come to booth 1019
located in the exhibition area

ISBT

An international community of professionals sharing knowledge to enhance transfusion practice

The International Society of Blood Transfusion (ISBT) is a scientific society that was founded in 1935. ISBT has grown into an international society where transfusion medicine professionals from across the globe come together and do the one thing they do best: share knowledge to enhance transfusion medicine practice worldwide. This goal is achieved by providing opportunities to advance knowledge and education e.g. ISBT Education, congresses and through advocacy for the welfare of blood donors and transfusion recipients.

Professionals from over 110 countries already share their knowledge by being a member of ISBT. We have created an educational platform: ISBT Education. This online facility contains a wide variety of educational material including webcasts of ISBT congress presentations, webinars and a library of transfusion guidelines.

In addition we:

- Encourage and support ISBT Working Parties that focus on the study of specific topics
- Publish the scientific journals Vox Sanguinis and the ISBT Science Series and provide other high quality educational print and electronic material.
- Organise international and regional congresses.
- Support and participate in workshops, seminars and congresses all over the world either financially or by use of the ISBT logo.
- Support professionals financially covering congress registration fees or ISBT membership fees.

ISBT Membership

As a member of ISBT you are part of a dynamic international society. Being a member will give you the following (free) benefits:

- Free access to ISBT Education (Incl. congress webcasts and presentations)
- Subscription for Vox Sanguinis (paper + online)*
- Receipt of Transfusion Today (paper + online)*
- Registration discount at ISBT congresses
- Online access to Working Party materials
- Receipt of the monthly ISBT eNews
- Free access to monthly ISBT Webinars and Live Journal Clubs
- Free access to the ISBT Forum

*Online access only for 25 years and under fee

Take the opportunity to connect and participate in our growing transfusion medicine community and register yourself at www.isbtweb.org or come and meet the ISBT Central Office staff at our booth. They are happy to assist you with your registration as a new member. The booth is located at number 1019 in the exhibition area.

ISBT Working Parties & other meetings

All meetings will take place at MTCC

*= by invitation only

Saturday, June 2

08:30 - 11:15	ISBT WP on Rare Donors*	603
08:30 - 17:00	ISBT WP on TTID*	717A
08:30 - 17:30	ISBT WP on Information Technology*	709
10:30 - 15:30	ISBT WP on Donors and Donation*	601
10:30 - 12:30	ISBT WP on Granulocyte Immunobiology*	711
11:30 - 14:30	ISBT WP on Red cell Immunogenetics and blood group terminology*	603
13:00 - 15:30	ISBT WP on Platelet Immunobiology	711
15:00 - 18:30	ISBT WP on Immunohaematology*	603
15:30 - 17:30	ISBT WP on Clinical Transfusion*	702
17:30 - 19:00	CSTM subcommittee for Obstetrics* and Pediatrics Transfusion, COPTN	602

Sunday, June 3

08:30 - 17:30	ISBT WP on Information Technology*	711
08:30 - 12:00	ISBT WP on Global Blood Safety	707
09:00 - 10:30	ISBT WP on Haemovigilance	601
09:00 - 10:30	ISBT WP on Haemovigilance	602
09:30 - 17:00	I TRY IT*	701a
09:30 - 12:00	Standing committee on Ethics*	603
10:00 - 12:00	ISBT WP on Blood Supply Management	703
11:00 - 13:00	ISB WP on Haemovigilance	709
11:00 - 17:00	Validation Task Force	602
13:00 - 17:00	ISBT WP on Quality Management*	707
15:30 - 17:15	ISBT WP on Clinical Transfusion* (paed subgroup)	703

Monday, June 4

07:00 - 08:15	TP Networking Breakfast	401
07:00 - 08:30	Presidents of the National Societies Meeting*	709
12:00 - 14:00	ISAC Meeting*	703
14:00 - 15:30	ISBT WP on Cellular Therapies	707

Tuesday, June 5

07:00 - 08:15	Young Investigator Breakfast	401
11:45 - 12:30	ISBT General Assembly	801
14:00 - 17:00	Standing Committee of the ISBT Academy*	703
14:30 - 15:15	Exhibitor Meeting	707

Join a workshop

Monday, June 4 14:00 - 15:30 Room 802
WORKSHOP DESIGNING CLINICAL TRANSFUSION RESEARCH
Moderator: Leo van de Watering

A workshop will be held on designing clinical transfusion research with an opportunity to receive feedback on your own plans and ideas. After an introduction to developing the research question and choosing between different study designs, we continue with sent-in (or locally presented) questions and examples and explain what would be the best approach and why.

Tuesday, June 5 16:00 - 17:30 Room 706
WORKSHOP ON GRANT WRITING
*Moderators: Dale Dempsey - Canadian Institutes of Health Research
Imelda Bates - Liverpool School of Tropical Medicine*

During the workshop on grant writing the speakers will explain what a successful proposal should look like and provide tips and techniques for the grant proposal process. The session will be interactive, giving the audience the possibility to ask questions and take part in the discussion.

Registration is not needed for this workshop.

General Information regarding the Scientific Programme

Important Notice for Moderators and Speakers

All moderators and speakers are kindly requested to be in the session room at least 15 minutes before the beginning of the session.

Photography and video during sessions is not allowed

Materials contained in ISBT Congress presentations, including slides and abstracts are protected by copyright. Any photography, filming, or audio-video recording of the presentations is strictly prohibited.

Abstracts

Abstracts are a supplement of Vox Sanguinis. All abstracts are listed in the online Programme Book, available online at the Congress Website and the ISBT Congress Mobile Application.

ISBT Science Series

The Science Series containing the State of the Art Papers accompanying the 35th International congress, will be available online by the end of the year.

Certificates of Attendance

Certificates of Attendance will be sent by email, shortly after the congress.

Speaker Ready Room

The Speaker Ready Room (SRR) is located in Meeting Room 705.

Speakers are requested to bring their presentations to the Speaker Ready Room on an USB stick at least 1 hour prior to their session starts. You may also bring your laptop for copying your presentation to the main computer, which will be used for sending the presentations to the different meeting rooms. The use of your own laptop during your presentation is NOT possible.

The opening hours of the SRR are:

Saturday	June 2	07:00 - 17:00 hours
Sunday	June 3	08:00 - 17:00 hours
Monday	June 4	08:00 - 17:00 hours
Tuesday	June 5	08:00 - 17:00 hours
Wednesday	June 6	08:00 - 17:00 hours

Programme changes

The organisers cannot assume liability for any changes in the programme due to external or unforeseen circumstances.

Congress General Information

Registration hours

The registration desk, located on Level 600 of MTCC (South building), will be open as of Saturday June 2:

Saturday	June 2	07:00 - 17:00 hours
Sunday	June 3	08:00 - 19:30 hours
Monday	June 4	08:00 - 17:00 hours
Tuesday	June 5	08:00 - 17:00 hours
Wednesday	June 6	08:00 - 17:00 hours

Exhibition hours:

Sunday	June 3	18:30 - 21:00 hours
Monday	June 4	09:30 - 16:30 hours
Tuesday	June 5	09:00 - 16:30 hours
Wednesday	June 6	09:30 - 16:30 hours

Services provided at desks in the Registration Area include:

Exhibition desk: Exhibitor information

Registration desk: Registration services and Lost and Found

Service desk: Social programme and Congress party tickets

Badges

All participants will receive a personal badge upon registration. You are kindly requested to wear your name badge at all times, during scientific meetings and social gatherings. Only participants who are wearing their name badge will be admitted to the lecture halls.

Please note: exhibitors and exhibition one-day only passes will not be admitted to the scientific sessions.

Badge Scanning

All participant badges will be scanned by the congress organisers when entering the congress venue as well as when entering the Exhibition Area. This scanning is intended for attendance tracking and crowd control only. Symposia organisers as well as exhibitors may use scanning devices for marketing or compliance reasons at the entrance of a sponsored session or in the Exhibition Area. Please note that when entering a sponsored session or approaching an exhibitor you are already expressing a consent for sharing your contact details with such third parties.

Business Centre

Located on Level 800. Opening hours are from 8:30 - 16:30 (Monday - Wednesday).

Coffee / tea breaks and Lunch

During session-breaks coffee / tea and lunch will be served free of charge in the Exhibition area to delegates wearing their name badge.

EBAH Accreditation

The programme of the 35th International Congress of the ISBT has been reviewed and approved for CME accreditation by the European Board for Accreditation in Hematology (EBAH).

The EBAH has approved this educational activity for 31 CME credits.

Each physician should only collect credits for time she/he actually spent in the educational activity.

First Aid

The First aid is located on Level 800.

Insurance

The congress organiser cannot accept responsibility for accidents that might occur. Delegates are encouraged to obtain travel insurance (medical, personal accident and luggage) in their home country prior to departure.

Internet

ISBT offers access to the WiFi network in the Congress related areas. To access the WiFi, select ISBT Toronto. You will get a landing page where you need to fill in the following password: ISBT2018. This step is only required on first login.

Language

The official Congress language will be English. Simultaneous translation into French Canadian is provided on Saturday and Sunday only.

Photography and Filming during the Congress

ISBT will have two official photographers during the congress, capturing images and videos.

The photographs and videos will be used by ISBT for various publications, promotional materials, or the ISBT Website.

If you do not wish to appear in any images captured, please send an email to: photography@isbtweb.org

Prayer Room

The prayer room is located at room 809.

Staff

If you have any questions, the members of the congress staff, who can be recognised by their red ISBT shirts, will be very pleased to assist you. Please do not hesitate to contact them if you have any questions.

Programme at a Glance

Local Day

Saturday, June 2

	718A
08:00 - 10:15	Possible Tasks and New Areas for Blood Banks
10:15 - 11:00	Coffee Break
11:00 - 12:00	Use and Future use of Blood Donor and Transfusion Databases
12:00 - 13:00	Lunch
13:00 - 15:00	Plasma Derived Medicinal Products and Self-Sufficiency
15:00 - 15:30	Coffee Break
15:30 - 16:30	Blood Supply Management in the Future

Programme at a Glance

Academy Day

Sunday, June 3

	718A	718B
09:00 - 10:30	2A-01 Donors and Donation	2A-02 Education and Training
10:30 - 11:00	Coffee Break	
11:00 - 12:30	2B-03 Organisation and Quality	2B-04 TTID
12:30 - 13:30	Lunch and Satellite Symposia	
13:30 - 15:00	2C-05 Immunohaematology	2C-06 Clinical Transfusion Practice
15:00 - 15:30	Coffee Break	
15:30 - 17:00	2D-07 Immunohaematology	2D-08 Cellular Therapies and Haemovigilance
17:30 - 18:30	Opening Ceremony (Plenary Room)	
18:30 - 21:00	Opening of the Trade Exhibition and Welcome Reception	

Programme at a Glance

Monday, June 4

- Plenary Session
- Blood Products
- Blood Safety
- Clinical
- Cellular Therapies
- Donors / Donation
- Immunobiology of Blood Cells
- Management and Organization
- Other Sessions

	Plenary Room	401	701	716	718A	718B	801	802
07:00 - 08:15		TP Breakfast session						
08:30 - 10:00	3A-S01 Clinical Effect of Iron Deficiency		3A-S02 Red Cell Senology	3A-S03 ATMP	3A-S04 Patient blood management	3A-S05 WP – TTID	3A-S06 WP – IT	
10:00 - 10:30	Coffee Break							
10:30 - 12:00	PL-01 Plenary Session Arthropod borne infections							
12:00 - 14:00	Lunch and Satellite Symposia							
14:00 - 15:30	3C-07 Management of blood components in different settings		3C-S08 Donor's Vasovagal reactions	3C-S09 Young Investigator Session	3C-S10 Platelets: novel products and processes	3C-S11 Bacterial and parasitic infections	3C-S13 WP – Quality Management	Interactive workshop - Designing clinical transfusion research
15:30 - 16:00	Coffee Break							
16:00 - 17:30	3D-S14 Pathogen		3D-S15 Critical care and bleeding	33D-S16 Resource limited countries	3D-S17 New Developments in Immunohematology	3D-S18 Neonatal and Paediatric transfusion	3D-S19 WP- Donor and Donation	3C-S20 Transfusion Practitioner session

Programme at a Glance

Tuesday, June 5

- Plenary Session
- Blood Products
- Blood Safety
- Clinical
- Cellular Therapies
- Donors / Donation
- Immunobiology of Blood Cells
- Management and Organization
- Other Sessions

	Plenary Room	401	701	706	716	718A	718B	801	802
07:00 - 08:15		VI Breakfast session							
08:30 - 09:30	PL-02 Jean Julliard Prize								
09:30 - 10:00	Coffee Break								
10:00 - 11:30	PL-03 Presidential Award Session								
11:45 - 12:30								ISBT General Assembly	
12:00 - 14:00	Lunch & Satellite Symposia								
14:00 - 15:30	4C-S20 The Future of Red Cell Genotyping		4C-S21 Donor Risk Assessment		4C-S22 Blood and Product Supply	4C-S23 Frozen Platelets	4C-S24 Haemovigilance	4C-S25 TP - Survey and Abstracts	4C-S26 WP - Blood Supply Management
15:30 - 16:00	Coffee Break								
16:00 - 17:30	4D-S27 Hemo-globinopathies		4D-S28 Donor Safety	Workshop Grant Writing	4D-S29 Accreditation, Standards and Good Practice Improving Transfusion Service	4D-S30 Immunological Crosstalk	4D-S31 WP - Rare Donors / Terminology / Immunohaematology	4D-S32 WP - Cellular Therapies	
17:45 - 18:45	Poster Session								

Programme at a Glance

Wednesday, June 6

- Plenary Session
- Blood Products
- Blood Safety
- Clinical
- Cellular Therapies
- Donors / Donation
- Immunobiology of Blood Cells
- Management and Organization
- Other Sessions

Time	Plenary Room	701	716	718A	718B	801
08:30 - 10:00	5A-S33 Red Blood Cell Antigens	5A-S34 Blood Products: Red Cell	5A-S35 Building a safe and sustainable donor base	5A-S36 Viruses	5A-S37 Transfusions in Haemato-oncology	5A-S38 WP Clinical – Paediatric Sub-Group
10:00 - 10:30	Coffee Break					
10:30 - 12:00	PL-04 Plenary Session Platelets					
12:00 - 13:30	Lunch					
13:30 - 15:00	5C-S39 The Relationship between Donor Characteristics and Transfusion	5C-S40 Clinical Audit and Education	5C-S41 Donor Recruitment and Retention	5C-S42 Problems in Transfusion Medicine	5C-S43 Emerging Infectious Diseases	5C-S44 WP - Platelet Immunobiology
15:00 - 15:30	Coffee Break					
15:30 - 17:00	PL-05 Plenary Session Transfusion Medicine Past, Present & Future					
17:00 - 17:15	Closing Ceremony					
19:00 - 23:00	Congress Party (Rebel, Polson Pier) Tickets available at the Registration Services desk (€ 50)					

Saturday, June 2

08:00 - 10:15
Meeting Room 718A

Local Day: Canadian advances in transfusion medicine over the years: past, present and future

- 08:00 - 9:00** Annual General Meeting of CSTM
- 09:00 - 10:15** Ortho and Buchanan Awards and Lectures
- 10:15 - 11:00** **Coffee Break**

Saturday, June 2

11:00 - 12:00
Meeting Room 718A

Local Day: Canadian advances in transfusion medicine over the years: past, present and future

11:00 - 12:00
1B-02-01

HISTORY OF TRANSFUSION MEDICINE IN CANADA
J. Freedman
St Michaels Hospital, Toronto, Canada

12:00 - 13:00

Lunch

Saturday, June 2

13:00 - 15:15
Meeting Room 718A

Local Day: Canadian advances in transfusion medicine over the years: past, present and future

13:00 - 14:00
1C-03-01

CANADIAN BLOOD SERVICES TURNS 20: PAST, PRESENT AND FUTURE
G. Sher
Canadian Blood Services, Ottawa, Canada

14:00 - 14:30
1C-03-02

UPDATE ON NAC
J. N. Fesser
Queen Elizabeth Hospital, Charlottetown, PE, Canada

14:00 - 14:30
1C-03-03

UPDATE FROM THE QUEBEC TRANSFUSION ADVISORY COMMITTEE, THE COMITÉ CONSULTATIF NATIONAL DE MÉDECINE TRANSFUSIONNELLE
H. Hume, A. Wilson, A. Trottier, G.-E. Rivard
Université de Montreal, Montreal, Canada

14:30 - 15:15
1C-03-04

FROM SEROLOGY TO GENOTYPING: UPDATES IN BLOOD BANK TESTING
G. Clarke
Canadian Blood Services, Edmonton, Canada, University of Alberta, Edmonton, Canada

15:15 - 15:30

Coffee Break

Saturday, June 2

15:30 - 17:30
Meeting Room 718A

Local Day: Canadian advances in transfusion medicine over the years: past, present and future

15:30 - 16:00
1D-04-01

AN INTRODUCTION TO NEW AND RENEWED PRODUCTS FOR TRANSFUSION
D. V. Devine, [G. Sher](#)
Canadian Blood Services, Ottawa, Canada

16:00 - 16:45
1D-04-02

NOVEL APPROACHES TO TEACHING TRANSFUSION MEDICINE
[Y. Lin](#)
Sunnybrook Health Sciences Centre, Toronto, Canada, University of Toronto, Toronto, Canada

16:45 - 17:30
1D-04-03

CELLULAR THERAPY COMES OF AGE
[D. Wall](#)
Blood and Marrow Transplant/Cellular Therapy, The hospital for Sick Children, Toronto, Canada

17:30

Adjourn

Sunday, June 3

09:00 - 10:30
Meeting Room 718A

Academy Day: Donors and donation

Moderators: M. Goldman (Canada) and S.-Y. Kwon (Hong Kong SAR, China)

09:00 - 09:30
2A-01-01

APHERESIS DONOR ELIGIBILITY CRITERIA AND SELECTION IN PLATELET, PLASMA AND RED CELL COLLECTION
[C. Poole](#)
South African National Blood Service, Johannesburg, South Africa

09:30 - 10:00
2A-01-02

SHORT AND LONG TERM SIDE EFFECTS OF DONOR APHERESIS
[M. Neyrink](#), H. Vrielink, D. Deeren
AZ Delta Roeselare, Roeselare, Belgium

10:00 - 10:30
2A-01-03

ESTABLISHING AN APHERESIS SERVICE IN A RESOURCE-LIMITED SETTING: CAMBODIA
[B. Pheng](#), S. Sok, P. Bunpa, V. Kao, K. Ou, S. Varoeun, S. Eav, M. Yong, H. Vrielink
Calmette Hospital, Phnom Penh, Cambodia

10:30 - 11:00

Coffee Break

Sunday, June 3

09:00 - 10:30
Meeting Room 718B

Academy Day: Education and training

Moderators: G. Clarke (Canada) and M. Cole-Sinclair (Australia)

09:00 - 10:30
2A-02-01

MORE THAN JUST A MANIKIN: OPPORTUNITIES FOR SIMULATION IN CLINICAL TRANSFUSION MEDICINE

A. Petrosoniak, K. Pavenski
St.Michael's Hospital, University of Toronto, Toronto, Canada

10:30 - 11:00

Coffee Break

Sunday, June 3

11:00 - 12:30
Meeting Room 718A

Academy Day: Organisation and quality

Moderators: J. White (United Kingdom) and C. Seidl (Germany)

INTERACTIVE

11:00 - 11:30
2B-03-01

QUALITY: WHAT I KNOW NOW THAT I WISH I'D KNOWN THEN

M. A. Smith
New Zealand Blood Service, Auckland, New Zealand

11:30 - 12:00
2B-03-02

DEVELOPING THE QUALITY TEAM

L. A. Bust
Africa Society for Blood Transfusion (AfSBT), Cape Town, South Africa

12:00 - 12:30
2B-03-03

WHEN THINGS GO BADLY – MANAGING QUALITY PROBLEMS AND COMPLAINTS IN TRANSFUSION MEDICINE

T. Vuk
Croatian Institute of Transfusion Medicine, Zagreb, Croatia

12:30 - 13:30

Lunch

Sunday, June 3

11:00 - 12:30
Meeting Room 718B

Academy day: Transfusion- Transmitted infectious diseases

Moderators: N. Waters (Australia) and M. Vermeulen (South Africa)

11:00 - 11:30
2B-04-01

INTRODUCING THE I TRY IT PROGRAM

B. Custer

Blood Systems Research Institute, San Fransisco, United States

11:30 - 11:50
2B-04-03

TTID RESEARCH FROM THE I TRY IT PROGRAM

A. Al Riyami

Sultan Qaboos University hospital, Muscat, Oman

11:50 - 12:10
2B-04-04

ITRY IT RESEARCH

A. Sepeti

Fiji

12:10 - 12:30

Discussion

12:30 - 13:30

Lunch

Sunday, June 3

13:30 - 15:00
Meeting Room 718A

Academy Day: Immunohaematology

Moderators: N. Thornton (United Kingdom) and V.S. Nadarajan (Malaysia)

13:30 - 14:00
2C-05-01

WHAT'S NEW IN THE KELL AND GERBICH BLOOD GROUP SYSTEMS

P. C. Ligthart

Sanquin Blood Supply, Amsterdam, Netherlands

14:00 - 14:30
2C-05-02

AND NOW THERE ARE 49: UPDATE ON THE MNS BLOOD GROUP SYSTEM

C. Gassner

Blood Transfusion Service Zurich, SRC, Zurich-Schlieren, Switzerland

14:30 - 15:00
2C-05-03

KIDD BLOOD GROUP SYSTEM: OUTWARDLY SIMPLE WITH HIDDEN COMPLEXITY

J. Hamilton

American Red Cross-Southeastern Michigan Region, Detroit, MI, United States

15:00 -15:30

Coffee Break

Sunday, June 3

13:30 - 15:00
Meeting Room 718B

Academy Day: Clinical Transfusion Practice

Moderators: S. Nahirniak (Canada) and P. Tiberghien (France)

13:30 - 14:00
2C-06-01

IS IT TACO, TRALI OR SOMETHING ELSE?

M. R. Looney

University of California, San Francisco, San Francisco, United States

14:00 - 14:30
2C-06-02

NONE TOO S.M.A.LL: THE GLOBAL CHALLENGE OF SEVERE MALARIAL ANEMIA AND ITS TRANSFUSION SUPPORT

C. Cserti-Gazdewich

University Health Network/University of Toronto, Toronto, Canada

14:30 - 15:00
2C-06-03

WHAT IS ECMO, AND WHY DO WE USE IT IN CRITICAL ILLNESS?

E. Fan

University of Toronto, Toronto, Canada

15:00 - 15:30

Coffee Break

INTERACTIVE

Sunday, June 3

15:30 - 17:00
Meeting Room 718A

Academy Day: Immunohaematology

Moderators: L. Castilho (Brasil) and E. Muñoz-Diaz (Spain)

15:30 - 16:00
2D-07-01

AFTER 70 YEARS, SEROLOGICAL RHD DETERMINATION IS STILL CHALLENGING: DNA TO THE RESCUE

M. Pisacka

Institute of Haematology and Blood Transfusion, Prague, Czech Republic

16:00 - 16:30
2D-07-02

GETTING COMFORTABLE WITH RH BLOOD GROUP SYSTEM TERMINOLOGIES AND DATABASES

F. F. Wagner

Red Cross Blood Service NSTOB, Springe, Germany, MVZ am Clementinenhaus, Springe, Germany

16:30 - 17:00
2D-07-03

DECISION MAKING IN COMPLEX OBSTETRIC CASES: HOW TO END UP WITH A HEALTHY BABY IN HDFN

M. Delaney

Children's National Health System, Washington DC, United States, George Washington University, Washington DC, United States

INTERACTIVE

17:30 - 18:30

Opening Ceremony (Plenary Room). See page 116

18:30 - 21:00

Opening of the Trade Exhibition and Welcome Reception

Sunday, June 3

15:30 - 17:00
Meeting Room 718B

Academy Day: Cellular therapies and haemovigilance

Moderator: P. Robillard (Canada)

15:30 - 16:00
2D-08-01

MICROBIAL SAFETY OF CELLULAR THERAPEUTICS - LESSONS FROM OVER TEN YEARS' EXPERIENCE IN MICROBIAL SAFETY OF PLATELET CONCENTRATES

M. Störmer, E. Wood, B. Gathof

University Hospital of Cologne, Cologne, Germany

16:00 - 16:30
2D-08-02

ADVERSE OUTCOMES AND SUBSTANCES OF HUMAN ORIGIN: CASES FROM THE NOTIFY LIBRARY

E. Petrisli, B. I. Whitaker, M. J. Gandhi, E. Muñoz-Díaz,

J. E. Menitove, A. Navarro, C. Carella, D. M. Strong, A. Nanni Costa
Italian National Transplant Centre (CNT), Italian National Institute of Health, Rome, Italy

16:30 - 17:00
2D-08-03

SAFETY AND SURVEILLANCE ISSUES IN STEM CELL MARKETING

D. Sipp

Riken, Kobe, Japan

17:30 - 18:30

Opening Ceremony (Plenary Room) See page 116

18:30 - 21:00

Opening of the Trade Exhibition and Welcome Reception

Monday, June 4

07:00 - 08:15
Meeting Room 401

TP Networking breakfast

Pre-registration is required to attend this session

The Transfusion Practitioner networking breakfast is a great opportunity for transfusion practitioners, and those interested in developing the role, to connect and discuss common interests and establish links that can be further developed throughout the congress and beyond.

The breakfast will take place in an informal setting in room 401, a room with a view in the Metro Convention Centre, Toronto.

Monday, June 4

08:30 - 10:00
Plenary Room

Donors and Donation - Clinical effect of iron deficiency

Moderators: M. Goldman (Canada) and E. Di Angelantonio (United Kingdom)

08:30 - 09:00
3A-S01-01

THE EFFECT OF IRON ON FETAL AND NEONATAL BRAIN DEVELOPMENT
M. Georgieff
University of Minnesota Medical Center, St. Paul, United States

09:00 - 09:30
3A-S01-02

THE EFFECT OF BLOOD DONATION OF WOMEN ON THE BIRTHWEIGHT OF THEIR OFFSPRING
H. Ullum, A. S. Rigas, O. B. Pedersen, E. Sørensen, L. W. Thørner, K. R. Nielsen, K. Titlestad, M. H. Larsen, G. Edgren, K. Rostgaard, C. Erikstrup, H. Hjalgrim
Copenhagen University Hospital, Copenhagen, Denmark

09:30 - 09:45
3A-S01-03

EXAMINING THE RELATIONSHIP BETWEEN REPEATED BLOOD DONATIONS IN FEMALE DONORS ON MATERNAL AND NEONATAL OUTCOMES: A COHORT STUDY
M. Chassé, D. Fergusson, M. Murphy, G. Smith, M. Goldman, S. O'Brien, M. Walker, A. Sprague, C. van Walraven, K. Wilson, A. Tinmouth
Ottawa Hospital Research Institute, Ottawa, Canada

09:45 - 10:00
3A-S01-04

IRON DEFICIENCY AND DEPRESSIVE SYMPTOMS AMONG FEMALE BLOOD DONORS – RESULTS FROM THE DANISH BLOOD DONOR STUDY
M. Didriksen, C. Mikkelsen, A. S. Rigas, E. Sørensen, M. H. Larsen, K. R. Nielsen, K. S. Burgdorf, O. B. Pedersen, H. M. Paarup, C. Erikstrup, H. Hjalgrim, L. W. Thørner, H. Ullum
Copenhagen University Hospital, Rigshospitalet, Copenhagen, Denmark

10:00 - 10:30

Coffee Break

Monday, June 4

08:30 - 10:00
Meeting Room 701

Immunobiology - Red cell serology

Moderators: A. Lazarus (Canada) and N. Thornton (United Kingdom)

08:30 - 09:00
3A-S02-01

DRUG-INDUCED HEMOLYTIC ANEMIA
D. R. Branch
Canadian Blood Services, Toronto, Canada, University of Toronto, Toronto, Canada

09:00 - 09:15
3A-S02-02

HEMOLYTIC ANEMIA ASSOCIATED WITH ANTI-IMATINIB DETECTED BY THE "IMMUNE COMPLEX" METHOD IN A PATIENT WITH LIVER METASTATIC GASTROINTESTINAL STROMAL TUMOR
T. N. N. Nguyen, E. Maenulein, V. Fihman, J. Moh Klaren
Medical Biology Laboratory, French Establishment of Blood, Ile de France, Site Saint-Antoine Paris, France

09:15 - 09:30
3A-S02-03

NEW APPROACHES TO ELIMINATE CD38 MONOCLONAL ANTIBODIES RELATED INTERFERENCE IN PRE-TRANSFUSION TESTING
T. Tremblay, N. Baillargeon, M.-C. Chevrier, L. Loubaki
Héma-Québec, Québec, Canada

09:30 - 09:45
3A-S02-04

BLOOD TRANSFUSION MANAGEMENT IN THE NEW ERA OF IMMUNE THERAPY: EXPERIENCE FROM THE BELGIAN RED CROSS BLOOD SERVICES
E. Lazarova, V. Pede, M.-P. Emonds, A. Muylaert, P. Vandekerckhove, V. Compernelle
Belgian Red Cross-Flanders, Mechelen, Belgium

09:45 - 10:00
3A-S02-05

SUMMARY OF 2017 UK BENCHMARKING DATA FOR TRAINING ASSESSMENT AND COMPETENCY TOOL (TACT) – EVALUATION OF ERRORS AND USE FOR EDUCATIONAL REVIEW
C. L. Whitham, J. White, M. Rowley
(UK NEQAS BTLP), Watford, United Kingdom

10:00 - 10:30

Coffee Break

Monday, June 4

08:30 - 10:00
Meeting Room 716

Cellular Therapies - ATMP

Moderators: E. Semple (Sweden) and D. Wall (Canada)

08:30 - 09:00
3A-S03-01

CORD BLOOD EXPANSION WITH NOVEL SMALL MOLECULE
G. Sauvageau
Maisonneuve-Rosemont Hospital, Montreal, Canada, University of Montreal, Montreal, Canada

09:00 - 09:30
3A-S03-02

THE USE OF CORD BLOOD IN METABOLIC DISORDERS AND HYPOXIC BRAIN INJURIES
J. Kurtzberg
Carolinas Cord Blood Bank, Durham, United States

09:30 - 09:45
3A-S03-03

NEUROPEPTIDE Y : A POTENT PROLIFERATIVE AGENT IN HEMATOPOIETIC STEM CELLS EX-VIVO CULTURE
S. Moradinasab, K. Atarodi, A. Pourfathollah
High Institute for research and education in Transfusion Medicine, Tehran, Iran

09:45 - 10:00
3A-S03-04

SYSTEMIC IMMUNOMODULATION VIA BIOREACTOR PRODUCED LYMPHOCYTE-DERIVED MIRNA: EFFICACY IN AUTOIMMUNE DISEASE AND CANCER
M. D. Scott, X. Yang, W. Toyofuku, N. Kang
University of British Columbia, Vancouver, Canada, Canadian Blood Services, Vancouver, Canada

10:00 - 10:30

Coffee Break

Monday, June 4

08:30 - 10:00
Meeting Room 718A

Clinical - Patient blood management

Moderators: Y. Lin (Canada) and C. Gabriel (Austria)

08:30 - 09:00
3A-S04-01

PATIENT BLOOD MANAGEMENT BUNDLES
P. Meybohm, K. Zacharowski
University Hospital Frankfurt, Frankfurt am Main, Germany

09:00 - 09:30
3A-S04-02

QUESTIONING THE BENEFIT OF RESTRICTIVE TRANSFUSION PRACTICE IN OLDER ADULTS
G. Simon, A. Craswell, O. Thom, L. Fung
USC Australia, Sippy Downs, Australia

09:30 - 10:00
3A-S04-03

INTERNATIONAL CONSENSUS CONFERENCE TOWARDS EVIDENCE-BASED PATIENT BLOOD MANAGEMENT IN FRANKFURT/MAIN, GERMANY, APRIL 2018
M. M. Mueller, H. Van Remoortel, P. Meybohm, K. Aranko, E. Seifried
German Red Cross Blood Transfusion Service Baden-Wuerttemberg - Hessen, Frankfurt, Germany

10:00 - 10:30

Coffee Break

Monday, June 4

08:30 - 10:00
Meeting Room 718B

Working Party Session on TTID

Moderator: M. Busch (USA)

08:30 - 08:45
3A-S05-01

OVERVIEW OF TTID WORKING PARTY MISSION, MEMBERSHIP AND ACTIVITIES

C. R. Seed, M. Busch

Australian Red Cross Blood Service, Perth, Australia

08:45 - 09:10
3A-S05-02

SURVEILLANCE, RISK ASSESSMENT AND POLICY (SRAP) – UPDATE ON CURRENT ACTIVITIES

S. O'Brien, B. Custer

Canadian Blood Services, Ottawa, Canada

09:10 - 09:35
3A-S05-03

ACTIVITIES OF THE ISBT WORKING PARTY FOR TRANSFUSION TRANSMITTED INFECTIOUS DISEASES - BACTERIAL SUBGROUP

S. Ramirez-Arcos, C. McDonald

NHSBT, London, United Kingdom

09:35 - 10:00
3A-S05-04

ISBT TTID WORKING PARTY PARASITE SUBGROUP: OVERVIEW OF ACTIVITIES

E. Bloch, S. Wendel, D. Leiby

Johns Hopkins University School of Medicine, Baltimore, United States

10:00 - 10:30

Coffee Break

Monday, June 4

08:30 - 10:00
Meeting Room 801

Working Party Session on IT

08:30 - 09:00
3A-S06-01

ELECTRONIC IDENTITY CONTROL, REPLACEMENT IDENTIFICATION, AND MULTIPLE TRANSFUSIONS MADE EASY IN THE OR/ER

J. Georgsen, L. Espensen

South Danish Transfusion Service and Tissue Center, Odense C, Denmark

09:00 - 09:45
3A-S06-02

FINDING BLOOD PRODUCTS VIA RFID AND COMPLEMENTARY TECHNOLOGIES

L. Briggs

Versiti/BloodCenter of Wisconsin, Milwaukee, United States

09:45 - 10:00
3A-S06-03

PRACTICAL CONSIDERATIONS IN IMPLEMENTING RFID FOR THE BLOOD SUPPLY

S. Lam

Health Sciences Authority, Singapore

10:00 - 10:30

Coffee Break

Monday, June 4

10:30 - 12:00
Plenary Room

Plenary Session: Arthropod borne infections

Moderators: C. Cserti-Gazdewich (Canada) and D. Leiby (United States)

10:30 - 11:00
PL1-01

INSECT DISEASE VECTORS AND THEIR IMPACT ON HUMAN HEALTH
L. C. Harrington
Cornell University, Ithaca, United States

11:00 - 11:30
PL1-02

HUMAN GENETIC RESISTANCE TO MALARIA
E. Leffler
University of Oxford, Oxford, United Kingdom, Wellcome Trust Sanger Institute, Hinxton, United Kingdom

11:30 - 12:00
PL1-03

IMMUNE ROLE OF PLATELETS IN MALARIA
B. McMorran
Australian National University, Canberra, Australia

12:00 - 14:00

Lunch and Satellite Symposia

Monday, June 4

14:00 - 15:30
Plenary Room

Management and Organisation - Management of blood components in different settings

Moderators: P. Vandekerckhove (Belgium) and S. Nahirniak (Canada)

14:00 - 14:30
3C-S07-01

EMERGENCY PREPAREDNESS FOR MASS CASUALTY EVENTS
H. A. Doughty
NHS Blood and Transplant, Birmingham, United Kingdom

14:30 - 14:45
3C-S07-02

LONDON 2017: A YEAR TO REMEMBER FOR ALL THE WRONG REASONS!
D. Mckeown, F. Chowdhury, F. Regan
Imperial College Healthcare NHS Trust, London, United Kingdom

14:45 - 15:00
3C-S07-03

GROUP O RHD NEGATIVE RED BLOOD CELL UNITS: WHEN ENOUGH IS ENOUGH
L. Bielby, C. Flores, C. Akers, J. van Diemen, B. Glazebrook, P. Beard, J. Daly
Australian Red Cross Blood Service, West Melbourne, Australia

15:00 - 15:15
3C-S07-04

USING THE AB PLASMA APPROPRIATENESS INDEX AS A BENCHMARKING TOOL IMPROVED AB PLASMA TRANSFUSION PRACTICE THROUGH QUALITY IMPROVEMENT INITIATIVES
S. Al Khan, K. Rosinski, L. Sham, T. Petraszko, K. Roland, M. Hudoba, A. Shih
Ministry of Health, Muscat, Oman, University of British Columbia, Vancouver, Canada

15:15 - 15:30
3C-S07-05

DEVELOPMENT OF SCENARIOS FOR THE FUTURE DEMAND OF BLOOD PRODUCTS IN THE NETHERLANDS: AN OVERVIEW
P. Langi Sasongko, M. van Kraaij, K. van den Hurk, M. Janssen Sanquin, Amsterdam, Netherlands

15:30 - 16:00

Coffee Break

Monday, June 4

14:00 - 15:30
Meeting Room 701

Donors and Donation - Donors Vasovagal reactions

Moderators: P. van den Burg (Netherlands) and P. Robillard (Canada)

14:00 - 14:30
3C-S08-01

DONOR VASOVAGAL REACTIONS, HOW CAN WE REDUCE THEM?
J. Castrén
Finnish Red Cross Blood Service, Helsinki, Finland

14:30 - 14:45
3C-S08-02

BLOOD DONATION IN INDIVIDUALS OVER AGE 70: A BEST COLLABORATIVE GROUP STUDY
M. Goldman, M. Germain, Y. Grégoire, H. Kamel, M. Bravo, R. Vassallo, S. F. O'Brien
Canadian Blood Services, Ottawa, Canada

14:45 - 15:00
3C-S08-03

RISK FACTORS FOR ON-SITE OR DELAYED FAINTING REACTIONS IN MALE AND FEMALE BLOOD DONORS: RESULTS FROM THE EVASION STUDY
C. Morand, C. Rolland, N. Coudurier, S. Thoret, C. Vermorel,
P. Tiberghien, J.-L. Bosson
Etablissement Français du Sang, La Plaine St-Denis, France

15:00 - 15:15
3C-S08-04

BRADYCARDIA AND TACHYCARDIA ASSOCIATED WITH SYNCOPAL/ PRE-SYNCOPAL ADVERSE EVENTS IN BLOOD DONORS
H. Kamel, M. Bravo, M. Townsend
Blood Systems, Scottsdale, United States

15:15 - 15:30
3C-S08-05

TO STUDY THE EFFECT OF PRE-DONATION SALT LOADING ON VASOVAGAL REACTIONS IN COLLEGE GOING STUDENTS
K. Kumar, N. Marwaha, S. Sachdev
PGIMER, Chandigarh, India

15:30 - 16:00

Coffee Break

Monday, June 4

14:00 - 15:30
Meeting Room 716

Young investigators session

Moderators: E. van der Schoot (Netherlands) and J. Semple (Sweden)

14:00 - 14:15
3C-S09-01

RE-EVALUATING THE SHELF-LIFE OF WHOLE BLOOD FOR CIVILIAN USE.
S. Huish, L. Green, L. Bower, C. Cavagnetto, E. Curnow, S. Garner, L. George, J. Jolley, M. McAndrew, A. Pullen, F. Seene, P. Smethurst, M. Wiltshire, R. Cardigan
NHS Blood and Transplant, Cambridge, United Kingdom

14:15 - 14:30
3C-S09-02

RED BLOOD CELL UTILIZATION AND TRANSFUSION TRIGGERS IN PATIENTS DIAGNOSED WITH CHRONIC LYMPHOCYTIC LEUKEMIA IN ICELAND 2003-2016
H. H. Thorvaldsson, S. V. Sveinsdottir, A. M. Halldorsdottir
University of Iceland, Reykjavik, Iceland

14:30 - 14:45
3C-S09-03

CD44 ANTIBODIES INHIBIT MACROPHAGE FCGAMMA RECEPTOR-MEDIATED PHAGOCYTOSIS OF PLATELETS AND ERYTHROCYTES IN AN IGG SUBTYPE AND FC-DEPENDENT MANNER: A POTENTIAL REPLACEMENT FOR IVIG?
P. A. A. Norris, G. Zhu, G. Fairn, H. Ni, A. Lazarus
St. Michael's Hospital, Toronto, Canada, University of Toronto, Toronto, Canada, Canadian Blood Services, Toronto, Canada

14:45 - 15:00
3C-S09-04

NEUROPROTECTIVE EFFECTS OF A DEDICATED VIRALLY-INACTIVATED PLATELET LYSATE CONCENTRATED IN NEUROTROPHINS IN CELL-BASED AND ANIMAL MODELS OF PARKINSON'S DISEASE
M.-L. Chou, J.-W. Wu, F. Gouel, A. Jonneaux, K. Timmerman, T.-Y. Renn, C. Laloux, H.-M. Chang, L.-T. Lin, J.-C. Devedjian, D. Devos, T. Burnouf
Graduate Institute of Medical Sciences, College of Medicine, Taipei Medical University, Taipei, Taiwan, Republic of China, Service de Pharmacologie Clinique LICEND COEN Center Lille, University of Lille, INSERM UMR-S 1171, CHU de Lille, Lille, France, Graduate Institute of Biomedical Materials and Tissue Engineering, College of Biomedical Engineering, Taipei Medical University, Taipei, Taiwan, Republic of China

Monday, June 4

14:00 - 15:30
Meeting Room 716

Young investigators session
(Continued)

15:00 - 15:15
3C-S09-05

COMBINED ORAL CONTRACEPTIVES ARE ASSOCIATED WITH HIGHER LEVELS OF BLOOD PLATELETS AMONG HEALTHY WOMEN: RESULTS FROM THE DANISH BLOOD DONOR STUDY (DBDS)
K. M. Dinh, K. A. Kaspersen, O. B. Pedersen, M. S. Petersen, S. Mikkelsen, K. Rostgaard, H. Hjalgrim, H. Ullum, C. Erikstrup
Aarhus University Hospital, Aarhus, Denmark

15:15 - 15:30
3C-S09-06

UNDERLYING INFECTION CONTRIBUTES TO TRANSFUSION-RELATED IMMUNE MODULATION IN AN IN VITRO PLATELET TRANSFUSION MODEL
A. Sultana, M. M. Dean, M. C. Reade, R. L. Flower, J.-P. Tung
Australian Red Cross Blood Service, Kelvin Grove, Australia, The University of Queensland, Queensland, Australia, The Prince Charles Hospital, Chermside, Australia

15:30 - 16:00

Coffee Break

Monday, June 4

14:00 - 15:30
Meeting Room 718A

Blood Products - Platelets: novel products and processes

Moderators: C. Pambrun (Canada) and P. van der Meer (Netherlands)

14:00 - 14:30
3C-S10-01

NOVEL PLATELET PRODUCTS
R. Cardigan
NHS blood and Transplant, United Kingdom

14:30 - 14:45
3C-S10-02

INSIGHT ONTO THE OPTIMAL PLASMA CONTENT IN PLATELET STORAGE MEDIA TO ACCOMPLISH COLD STORAGE OF PLATELET CONCENTRATES
I. Marini, K. Aurich, R. Jouni, A. Greinacher, T. Thiele, T. Bakchoul
University Medicine Greifswald, Greifswald, Germany

14:45 - 15:00
3C-S10-03

PLATELET ADDITIVE SOLUTION (PAS): A STEP TOWARDS UNIVERSAL SINGLE DONOR PLATELETS (SDP)
M. Chowdhry, M. Patel, S. Agrawal
Indraprastha Apollo Hospital, New Delhi, India

15:00 - 15:15
3C-S10-04

A NOVEL FUNCTION FOR PLASMA CLOTTING FACTOR VA IN CLOT DISSOLUTION
E. Pryzdial, F. Lee
University Of British Columbia, Vancouver, Canada

15:15 - 15:30
3C-S10-05

IMPROVING BLOOD MANAGEMENT: NON-DESTRUCTIVE QUALITY ASSESSMENT OF RED BLOOD CELL CONCENTRATES USING MINI-BAGS
P. Schubert, B. Culibrk, Z. Chen, A. Howell, D. Devine, K. McTaggart
Canadian Blood Services, Vancouver, Canada, University of British Columbia, Vancouver, Canada

15:30 - 16:00

Coffee Break

Monday, June 4

14:00 - 15:30
Meeting Room 718B

Blood Safety - Bacterial and parasitic infections

Moderators: S. Ramirez Acros (Canada) and C. McDonald (United Kingdom)

14:00 - 14:30
3C-S11-01

BACTERIAL CONTAMINATION OF 7-DAY PLATELETS: EXPERIENCE AT CANADIAN BLOOD SERVICES

S. Ramirez-Arcos, S. Evans, T. McIntyre, C. DiFranco, M. Goldman
Canadian Blood Services, Ottawa, Canada

14:30 - 14:45
3C-S11-02

IMPROVING THE SAFETY OF PLATELETS BY INCREASING THE SAMPLE VOLUME AND TIME FOR SAMPLING AND ISSUING - BACTERIOLOGICAL RESULTS

F. Bernier, G. Delage
Hema-Quebec, Saint-Laurent, Canada

14:45 - 15:00
3C-S11-03

RAPID BACTERIAL DETECTION SYSTEM PREVENTS SEVERE BACTERIAL INFECTION

M. Schmidt, K. Hourfar, K. Gubbe, U. Mayr-Wohlfart, A. Karl, H. Schrezenmeier, E. Seifried
German Red Cross, Frankfurt, Germany

15:00 - 15:15
3C-S11-04

NATIONAL SEROPREVALENCE OF TRYPANOSOMA CRUZI IN MEXICAN BLOOD DONORS, 2007-2016.

L. Salazar, J. Rojo Medina, G. Estrada-García, J. Trejo
National Blood Transfusion Center, Mexico

15:15 - 15:30
3C-S11-05

A RETROSPECTIVE COMPARISON OF MALARIA POLICY FORMULATION IN 5 NON-ENDEMIC COUNTRIES

S. F. O'Brien, S. Ward, C. R. Seed, A. Kitchen, C. Fabra, W. R. Steele, G. Delage, D. A. Leiby
Canadian Blood Services, Ottawa, Canada

15:30 - 16:00

Coffee Break

Monday, June 4

14:00 - 15:30
Meeting Room 801

Working Party Session on Quality Management

Moderator: C. Seidl (Germany)

14:00 - 14:30
3C-S12-01

PRINCIPLES OF DATA COLLECTION AND ANALYSIS IN ACHIEVING AN EFFECTIVE QUALITY MANAGEMENT SYSTEM IN BLOOD ESTABLISHMENTS

T. Vuk
Croatian Institute of Transfusion Medicine, Zagreb, Croatia

14:30 - 15:00
3C-S12-02

GMP IN THE COLLECTION PRACTICES OF BLOOD COMPONENTS AND SOURCE PLASMA FOR FRACTIONATION - THE IPFA EXPERIENCE

P. Strengers
International Plasma and Fractionation Association, Amsterdam, Netherlands

15:00 - 15:15
3C-S12-03

SELF-INSPECTION AND AUDITS BASED ON GMP AND GPG PREPARING FOR REGULATORY INSPECTIONS – THE EUBIS EXPERIENCE

C. Seidl
German Red Cross Blood Donor Service Baden-Württemberg-Hessen, Frankfurt am Main, Germany

15:15 - 15:30
3C-S12-04

BUILDING QUALITY AWARENESS IN DEVELOPING COUNTRIES - THE AFSBT EXPERIENCE

L. A. Bust
Africa Society for Blood Transfusion (AfSBT), Cape Town, South Africa

15:30 - 16:00

Coffee Break

Monday, June 4

14:00 - 15:30
Meeting Room 802

Interactive workshop

Designing clinical transfusion research

A workshop will be held on designing clinical transfusion research with an opportunity to receive feedback on your own plans and ideas. After an introduction to developing the research question and choosing between different study designs, we continue with sent-in (or locally presented) questions and examples and explain what would be the best approach and why. The workshop will be led by Leo van de Watering.

15:30 - 16:00

Coffee Break

Monday, June 4

16:00 - 17:30
Plenary Room

Blood products - Pathogen inactivation

Moderators: R. Cardigan (UK) and M. Germain (Canada)

16:00 - 16:30
3D-S13-01

PATHOGEN INACTIVATION TECHNOLOGIES: PROGRESS, HURDLES AND THE FUTURE

D. Devine

Canadian Blood Services, Vancouver, Canada, Univ. of British Columbia, Vancouver, Canada

16:30 - 16:45
3D-S13-02

COMPARING CLINICAL USE, EFFECTIVENESS, AND RISKS ACROSS TRANSITION FROM FRESH FROZEN PLASMA TO SOLVENT/DETERGENT PLASMA IN THE NETHERLANDS

N. H. Saadah, M. R. Schipperus, J. C. Wiersum-Osselton,

M. G. van Kraaij, C. Caram-Deelder, J. G. van der Bom
Sanquin Research, Leiden, Netherlands, Leiden University Medical Center, Leiden, Netherlands

16:45 - 17:00
3D-S13-03

COMBINING UVC-PATHOGEN INACTIVATION AND COLD-STORAGE: A NOVEL APPROACH TO IMPROVE PLATELET SAFETY AND EXTEND THE SHELF-LIFE

M. Cameron, L. Waters, M. Padula, D. Marks, L. Johnson

Australian Red Cross Blood Service, Sydney, Australia, Sydney Medical School, Sydney, Australia

17:00 - 17:15
3D-S13-04

THREE YEARS ROUTINE EXPERIENCE OF MANUAL PRODUCTION OF DOUBLE-DOSE BUFFY COAT PLATELETS AND PATHOGEN INACTIVATION SYSTEM INTERCEPT: IMPACT ON ECONOMY, BLOOD SAFETY AND BLOOD COMPONENT QUALITY

H.-S. Ahlzén, L. Larsson

Karolinska University Hospital, Stockholm, Sweden

17:15 - 17:30
3D-S13-05

NO INTERCEPT (S-303/GLUTATHIONE)-SPECIFIC ANTIBODIES DETECTED IN A PHASE III, RANDOMIZED, CONTROLLED STUDY TO EVALUATE PATHOGEN-INACTIVATED RED BLOOD CELLS IN THALASSEMIA MAJOR PATIENTS (SPARC)

C. Geisen, Y. Aydinok, R. Origa, A. Piga, V. Brixner, N. Mufti,

A. Erickson, C. Ernst, A. North, L. Corash, R. Benjamin
Goethe-University Frankfurt/Main, University of Frankfurt, Frankfurt, Germany

Monday, June 4

16:00 - 17:30
Meeting Room 701

Clinical - Critical care and bleeding

Moderators: J. Callum (Canada) and S. Allard (United Kingdom)

16:00 - 16:15
3D-S14-01

PRELIMINARY EVIDENCE THAT INCREASED STORAGE DURATION OF TRANSFUSED PLATELET CONCENTRATES IS ASSOCIATED WITH REDUCED RESPIRATORY FUNCTION IN A SHEEP MODEL OF INFECTION

J.-P. Tung, G. Simonova, S. Engkilde-Pedersen, A. Esguerra-Lallen, A. Sultana, E. Hewlett, N. Obonyo, J. Fraser
Australian Red Cross Blood Service, Brisbane, Australia, The Prince Charles Hospital, Brisbane, Australia, University of Queensland, Brisbane, Australia, Queensland University of Technology, Brisbane, Australia

16:15 - 16:30
3D-S14-02

MEASUREMENT OF CELLULAR OXYGENATION IN CRITICALLY ILL PATIENTS RECEIVING RED BLOOD CELL TRANSFUSION

M. Baysan, M. Arbous, E. Mik, N. Juffermans, J. van der Bom
Sanquin Research, Leiden, Netherlands, Leiden University Medical Center, Leiden, Netherlands

16:30 - 16:45
3D-S14-03

PREDICTING PERSONALIZED BENEFITS AND HARMS OF BLOOD TRANSFUSION IN CRITICALLY ILL PATIENTS

J. G. van der Bom, F. Kranenburg, S. le Cessie, H. Putter, C. Caram-Deelder, M. S. Arbous
Sanquin Blood Supply & Leiden University Medical Center, Leiden, Netherlands, Leiden University Medical Center, Leiden, Netherlands

16:45 - 17:00
3D-S14-04

HAEMATOLOGICAL FEATURES, TRANSFUSION MANAGEMENT AND OUTCOMES OF MASSIVE OBSTETRIC HAEMORRHAGE: FINDINGS FROM THE AUSTRALIAN/NEW ZEALAND MASSIVE TRANSFUSION REGISTRY

M. Lasica, M. Tacey, R. Sparrow, E. Wood, Z. McQuilten
Monash University, Melbourne, Australia, Australian Red Cross Blood Service, Melbourne, Australia, Box Hill Hospital, Melbourne, Australia

Monday, June 4

16:00 - 17:30
Meeting Room 701

Clinical - Critical care and bleeding (Continued)

17:00 - 17:15
3D-S14-05

CHANGES IN COAGULATION PARAMETERS DURING THE COURSE OF POSTPARTUM HAEMORRHAGE: A NATIONWIDE RETROSPECTIVE COHORT STUDY

A. Gillissen, T. van den Akker, C. Caram-Deelder, D. Henriquez, K. Bloemenkamo, M. de Maat, J. Eikenboom, J. van der Bom
Sanquin Research, Leiden, Netherlands

17:15 - 17:30
3D-S14-06

THE CLOCK IS TICKING: USING IN SITU SIMULATION TO IMPROVE TIME TO BLOOD DELIVERY IN BLEEDING TRAUMA PATIENTS
A. Gray, L. Chartier, K. Pavenski, M. McGowan, A. Petrosniak
University of Toronto, Toronto, Canada, St. Michael's Hospital, Toronto, Canada

Monday, June 4

16:00 - 17:30
Meeting Room 716

Blood safety - Resource limited countries

Moderators: C. Tangy (France) and H. Hume (Canada)

16:00 - 16:30
3D-S15-01

SITUATION ANALYSIS OF DONOR HEALTH ASSESSMENT QUESTIONNAIRE IN PAKISTAN
H. I. Shabber, S. J. Ansari, S. O'Brien
Federal Government Services Hospital and Post Graduate Medical Institute, Islamabad, Pakistan

16:30 - 17:00
3D-S15-02

ADDRESSING TRANSFUSION TRANSMITTED MALARIA IN KENYA
V. Magutu
University of Nairobi, Nairobi, Kenya

17:00 - 17:15
3D-S15-03

PROFICIENCY TESTING OF VIRAL MARKER SCREENING IN AFRICAN BLOOD CENTER LABORATORIES: A MULTINATIONAL STUDY
B. Drammeh, S. Laperche, Z. Kaidarova, D. Hindes, L. Ozeransky, A. De, M. Kalou, B. Parekh, E. L. Murphy
UCSF, San Francisco, United States

17:15 - 17:30
3D-S15-04

HIGH RATE OF HCV AND HIV FALSE-POSITIVE RESULTS IN SEROLOGICAL SCREENING CAN IMPAIR BLOOD SUPPLY IN SUB-SAHARAN AFRICA
D. Candotti, V. Sauvage, P. Cappy, M. Abdallahi Boullahi, P. Bizimana, G. O. Mbensa, S. Oumar Coulibaly, A. O. Rakoto Alson, H. Soumana, C. Tagny-Tayou, S. Laperche
Institut National de la Transfusion Sanguine, Paris, France

Monday, June 4

16:00 - 17:30
Meeting Room 718A

New developments in immunohematology

Moderators: H. Ni (Canada) and M. de Haas (Netherlands)

16:00 - 16:15
3D-S16-01

ANTI-GP V AUTOANTIBODIES ARE A FREQUENT FINDING IN PATIENTS WITH IMMUNE THROMBOCYTOPENIA AND LEAD TO EFFICIENT PLATELET REMOVAL IN A MURINE MODEL
R. Vollenberg, R. Jouni, M. Burg-Roderfeld, G. Bein, T. Bakchoul, U.J. Sachs
Justus Liebig University, Giessen, Germany

16:15 - 16:30
3D-S16-02

ANTI-HPA-1A POTENT DONOR PLASMA FOR HYPERIMMUNE IMMUNOGLOBULIN PRODUCTION. A FIGHT AGAINST FETAL AND NEONATAL ALLOIMMUNE THROMBOCYTOPENIA
M. Kjær, K. Jarås, C. Geisen, C. Akkøk, A. Wikman, K. Nielsen, K. Walles, M. Sonneveld, M. Wuhler, G. Vidarson, J. Kjeldsen-Kragh, B. Skogen
Funded by EU's Seventh Framework Programme for Research (FP7)
University Hospital North Norway, Tromsø, Norway, Prophylx Pharma AS, Tromsø, Norway, UIT-the Arctic

16:30 - 16:45
3D-S16-03

THE NLRP3 INHIBITOR DECREASE ERYTHROPHAGOCYTOSIS BY THP-1 CELLS THROUGH OPSONIZED AND UNOPSONIZED MECHANISM
Q. Li, F. Zhao, J. Zhang, G. Lu, R. Xia, Z. Zhu
Shanghai Blood Center, Shanghai, China

16:45 - 17:00
3D-S16-04

ERYTHROPHAGOCYTOSIS INDUCES MHC CLASS II EXPRESSION ON NEUTROPHILS
S. M. Meinderts, G. Baker, S. van Wijk, B. Beuger, J. Geissler, T. van den Berg, R. van Bruggen
Sanquin Research and Landsteiner Laboratory, Amsterdam, Netherlands

17:00 - 17:15
3D-S16-05

NON-INVASIVE FETAL RHD SCREENING ALLOWS DISCONTINUATION OF NEWBORN RHD TESTING
M. Kuosmanen, S. Toivonen, K. Haimila, K. Sulin, A. Korhonen, I. Sareneva, S. Sainio
Finnish Red Cross Blood Service, Helsinki, Finland

17:15 - 17:30
3D-S16-06

NON-INVASIVE PRENATAL TESTING TO ASSESS FETAL BLOOD GROUP ANTIGENS, ARISING FROM SINGLE NUCLEOTIDE VARIANTS, FOR OBSTETRIC CASES WITH ATYPICAL (NON-RHD) ALLOANTIBODIES: CAPABILITY OF DIGITAL PCR
C. A. Hyland, H. O'Brien, E. Schoemann, G. Pahn, T. Powley, G. Millard, R. Flower, G. Gardener
Australian Red Cross Blood Service, Brisbane, Australia

Monday, June 4

16:00 - 17:30
Meeting Room 718B

Clinical - Neonatal and paediatric transfusion

Moderators: H. New (United Kingdom) and N. Shehata (Canada)

16:00 - 16:30
3D-S17-01

VOLUME EXPANSION WITH BLOOD COMPONENTS AND CRYSTALLOIDS IN NEONATES: INSIGHTS FROM A NEONATOLOGIST WORKING IN TRANSFUSION MEDICINE RESEARCH

A. Keir

South Australian Health and Medical Research Institute, North Adelaide, Australia, University of Adelaide, North Adelaide, Australia, Women's and Children's Hospital, North Adelaide, Australia

16:30 - 16:45
3D-S17-02

COMPARISON OF HEMATOCRIT CHANGE IN PRETERM NEONATES WITH BIRTH WEIGHT BASED VERSUS FORMULA BASED PACKED RED BLOOD CELL TRANSFUSION

S. Jain, D. Chawla, G. Kaur

Government Medical College and Hospital, Chandigarh, Chandigarh, India

16:45 - 17:00
3D-S17-03

RECEIVED WITH BOTH GRATITUDE AND FEAR: LOCAL PERCEPTIONS OF BLOOD TRANSFUSION FOR CHILDHOOD SEVERE ANAEMIA IN UGANDA

A. Dhabangi, R. Idro, M. B. van Hensbroek, C. John, R. O. Opoka, G. Siu E, W. Dzik

Makerere University, College of Health Sciences, Kampala, Uganda

17:00 - 17:15
3D-S17-04

LATE ANEMIA IN ALLOIMMUNE HEMOLYTIC DISEASE OF THE NEWBORN: INCIDENCE AND RISK FACTORS

J. M. C. Ree, R. Middelburg, J. van der Bom, M. de Haas, E. Lopriore
Leiden University Medical Center, Leiden, Netherlands, Sanquin Research, Leiden, Netherlands

17:15 - 17:30
3D-S17-05

INCIDENCE OF ANEMIA AT DISCHARGE IN 4890 CONSECUTIVE PEDIATRIC INTENSIVE CARE SURVIVORS

C. Jutras, M. Sauthier, M. Tucci, G. Emeriaud, H. Trottier, N. Robitaille, J. Lacroix, R. Eltaani, G. Du Pont-Thibodeau
CHU Sainte-Justine, Montreal, Canada

Monday, June 4

16:00 - 17:30
Meeting Room 801

Working Party Session on Donor and Donation

Moderator: P van den Burg (Netherlands)

16:00 - 16:30
3D-S18-01

COMPLICATIONS OF BLOOD DONATION

C. Napoli

S.U.N. (Il Università di Napoli, Italy), Napoli, Italy

16:30 - 17:00
3D-S18-02

NEEDLE RELATED COMPLICATIONS OF BLOOD DONATION

M. Townsend

Blood Systems, Scottsdale, United States

17:00 - 17:30
3D-S18-03

APHERESIS COMPLICATIONS

M. Neyrink, H. Vrieling, D. Deeren

AZ Delta Roeselare, Roeselare, Belgium

Monday, June 4

16:00 - 17:30
Meeting Room 802

The Transfusion Practitioner role in the stewardship of blood

Moderators: C. So-Osman (Netherlands) and L. de Biasio (Canada)

16:00 - 16:30
3C-S19-01

DISASTER PLANNING: THE ROLE OF THE TRANSFUSION PRACTITIONER

R. Deelen, E. Costermans, R. Moss, [C. Akers](#)
IJsselland Hospital, Capelle a/d IJssel, Netherlands

16:30 - 17:00
3C-S19-02

THE TRANSFUSION PRACTITIONER ROLE IN MINIMISING BLOOD WASTAGE

[L. Bielby](#), C. Denison, L. De Biasio
Department of Health and Human Services, Victoria and Australian Red Cross Blood Service, Melbourne, Australia

17:00 - 17:30
3C-S19-03

IS ONTRAC ON TRACK? A FIFTEEN YEAR EXPERIENCE

[A. Howell](#)
St. Michael's Hospital, Toronto, Canada

Tuesday, June 5

07:00 - 08:15
Meeting Room 401

Young Investigator Breakfast

Pre-registration is required to attend this session

The Young Investigators breakfast is a great opportunity for researchers, who are 40 years old or less to meet and talk to transfusion medicine experts, who will be available to discuss the challenges and joys of research and to give tips and suggestions.

The breakfast will take place in an informal setting in room 401, a room with a view in the Metro Convention Centre, Toronto.

Tuesday, June 5

08:30 - 09:30
Plenary Room

Jean Julliard Prize

Moderators: R. Reddy (South Africa) and M.L. Olsson (Sweden)

08:30 - 09:00

PL2-01

TRALI: TRIGGERS, THRESHOLD AND TESTING

L. Fung

University of the Sunshine Coast, Australia

09:00 - 09:30

PL2-02

TRANSFUSION-RELATED ACUTE LUNG INJURY (TRALI):
 IDENTIFICATION OF NOVEL RISK FACTORS AND POTENTIAL
 THERAPIES

R. Kapur

Lund University, Lund, Sweden

09:30 - 10:00

Coffee Break

Tuesday, June 5

10:00 - 11:30
Plenary Room

Presidential Award Session

Moderators: R. Reddy (South Africa) and P. Strengers (Netherlands)

10:00 - 10:15

PL3-01

LAUDATION

H. Reesink

Amsterdam Medisch Centrum, Amsterdam, Netherlands

10:15 - 10:35

PL3-02

HISTORICAL OVERVIEW TO PREVENT BLOOD TRANSMISSIBLE
 INFECTIOUS AGENTS

H.J. Alter

NIH, Bethesda, Maryland, United States

10:35 - 10:55

PL3-03

IMPACT OF HEPATITIS E VIRUS INFECTION ON THE SAFETY OF THE
 BLOOD SUPPLY

H. Zaaijer

Sanquin Blood Supply Foundation, Amsterdam, Netherlands

10:55 - 11:25

PL3-04

ESTIMATING RISK AND EVALUATING EFFICACY OF RISK REDUCTION
 STRATEGIES

M. Busch

Blood Systems Research Institute, San Fransisco, United States

Tuesday, June 5

11:45 - 12:30
Room 801

ISBT General Assembly

All ISBT members are encouraged to attend the General Assembly where they will hear a review of 2017/18 and welcome the new Board members.

1. Welcome
2. Draft Minutes of the General Assembly held on Tuesday June 20, 2017
3. Report of the ISBT President
4. Report of the Secretary General
5. Report of the Treasurer
6. Membership fees 2019/20
7. Presentation of certificates to retiring Working Party Chairpersons
8. Presentation of certificates to retiring Board members
9. Announcement of the Board of Directors 2018
10. Incoming President's address
11. Announcement of the date of the next General Assembly (Tuesday June 25, 2019)
12. Any other business
13. Closure

12:00 - 14:00

Lunch and satellite symposia

Tuesday, June 5

14:00 - 15:30
Plenary Room

Immunobiology - The future of Red Cell genotyping

Moderators: D. Branch (Canada) and T. Peyrard (France)



14:00 - 14:30
4C-S20-01

THE ROLE OF MOLECULAR GENOTYPING – A NEW ERA
N. Gleadall
Department of Haematology, University of Cambridge, Cambridge, United Kingdom

14:30 - 14:45
4C-S20-02

EXTENDED GENOTYPING OF BLOOD DONORS BY NEXT GENERATION SEQUENCING
C. Weinstock, J. Mytilineos, J. Portegys, P. Bugert, H. Schrezenmeier, D. Fürst
Institute of Clinical Transfusion Medicine and Immunogenetics Ulm, German Red Cross Blood Service Baden-Württemberg - Hessen, Institute of Transfusion Medicine, Ulm University, Ulm, Germany

14:45 - 15:00
4C-S20-03

DEVELOPMENT OF A NEXT GENERATION SEQUENCING BASED ABO BLOOD GROUP ASSAY AND TYPING SOFTWARE
W. J. Lane, H. Mah, A. Joseph, J. Baronas, J. Aeschlimann, S. Vege, L. Silberstein, C. Westhoff
Harvard Medical School, Boston, United States, Brigham and Women's Hospital, Boston, United States

15:00 - 15:15
4C-S20-04

DATA VISUALIZATION OF A LARGE GENOTYPED DONOR DATABASE
W. Anani, G. Denomme
Medical College of Wisconsin, Milwaukee, United States, BloodCenter of Wisconsin, Milwaukee, United States

15:15 - 15:30
4C-S20-05

SATISFYING REQUESTS FOR EXTENSIVELY TYPED RED BLOOD CELL UNITS FROM INVENTORY
J. van Sambeeck, M. Janssen, H. Schonewille, N. van Dijk, C.E. van der Schoot
Sanquin Research, Amsterdam, Netherlands, University of Twente, Enschede, Netherlands

15:30 - 16:00

Coffee Break

Tuesday, June 5

14:00 - 15:30
Meeting Room 701

Donors and Donation - Donor risk assesment

Moderators: S. O'Brien (Canada) and B. Custer (United States)

14:00 - 14:30
4C-S21-01

BLOOD DONATION AND MSM: A POINT OF VIEW FROM THE SCREENING LABORATORY

S. Sauleda

Banc de Sang i Teixits, Barcelona, Spain

14:30 - 14:45
4C-S21-02

INFECTION PRESSURE IN MEN WHO HAVE SEX WITH MEN AND THEIR SUITABILITY TO DONATE BLOOD

T. J. van de Laar, W. van Bilsen, A. Matser, K. van den Hurk, E. Slot,

M. Schim van der Loeff, H. Zaaijer, M. Prins

Sanquin, Amsterdam, Netherlands

14:45 - 15:00
4C-S21-03

THE USE OF THE ABO RISK-BASED DECISION MAKING FRAMEWORK IN SUPPORTING DONOR SELECTION DECISIONS

G. Mallinson, S. Brailsford, K. Davison, C. Newstead

Public Health England, London, United Kingdom

15:00 - 15:15
4C-S21-04

HIV RESIDUAL RISK IN THE UK: MODELLING THE IMPACT OF A THREE MONTH DEFERRAL OF DONORS WITH HIGHER RISK SEXUAL BEHAVIOURS

K. Davison, M. Katz, C. Reynolds, S. Brailsford

Public Health England, London, United Kingdom

15:15 - 15:30
4C-S21-05

IMPLEMENTATION OF A SCRIPT FOR PRE-DONATION INTERVIEWS: IMPACT ON BLOOD SAFETY

J. O. Mitchel, B. Custer, Z. Kaidarova, K. van den Berg

South African National Blood Service, Mpumalanga Zone, South Africa

15:30 - 16:00

Coffee Break

Tuesday, June 5

14:00 - 15:30
Meeting Room 716

Management and organization - Blood and product supply

Moderators: M. Vermeulen (South Africa) and K. Webert (Canada)

14:00 - 14:30
4C-S22-01

TOWARDS A SAFE AND SUFFICIENT BLOOD SUPPLY IN AFRICA

D. Kyeyune, H. Hume

Uganda Blood Transfusion Service, Kampala, Uganda

14:30 - 14:45
4C-S22-02

THE USE OF SMART APPLICATIONS TO IMPROVE BLOOD DONORS RECRUITMENT AND RETENTION

M. Y. Raouf, R. Sharma

Dubai Health Authority, Dubai, United Arab Emirates

14:45 - 15:00
4C-S22-03

A PROVINCIAL IMMUNE GLOBULIN SCREENING PILOT FOR NEUROLOGY

D. Evanovitch, L. Young, W. Owens, L. Shepherd

Ontario Regional Blood Coordinating Network-ORBCoN, Hamilton, Canada

15:00 - 15:15
4C-S22-04

A PROSPECTIVE STUDY OF BLOOD UTILIZATION IN ELECTIVE SURGERIES FOR FORMULATION OF MAXIMUM SURGICAL BLOOD ORDERING SCHEDULE (MSBOS) AT A TERTIARY CARE TEACHING HOSPITAL IN CHANDIGARH, INDIA

M. Devnani, S. S. Bawa, A. K. Gupta, A. Jain, V. Suri, S. Aggarwal

Post Graduate Institute of Medical Education and Research, Chandigarh, India

15:15 - 15:30
4C-S22-05

'BIG DATA' APPROACH FOR THE COLLECTION OF COMPARATIVE DATA ON BLOOD UTILISATION FROM THREE UK NHS TRUSTS WITH THE AIM OF IDENTIFYING TARGETS FOR QUALITY IMPROVEMENTS IN TRANSFUSION PRACTICE

A. S. Dhesi, R. D'Souza, M. Kaur, N. Watkins, R. Royston, K. Pendry,

Y. Scott, A. Charlton, S. Staples, M. Murphy

NHS Blood and Transplant, London, United Kingdom

15:30 - 16:00

Coffee Break

Tuesday, June 5

14:00 - 15:30
Meeting Room 718A

Blood products - Frozen platelets

Moderators: M. Zeller (Canada) and M. Lozano (Spain)

14:00 - 14:30
4C-S23-01

FROZEN PLATELETS: CURRENT PRACTICE, EVIDENCE, EVIDENCE GAPS AND CLINICAL RESEARCH PROGRAMS UNDERWAY

M. C. Reade

Australian Defence Force, Canberra, Australia, University of Queensland, Brisbane, Australia

14:30 - 14:45
4C-S23-02

INVESTIGATION OF DIFFERENT RESUSPENSION SOLUTIONS FOR THAWED CRYOPRESERVED PLATELETS: AN INTERNATIONAL STUDY

L. Johnson, L. Dumont, J. Petrik, D. Crimmins, F. Noorman, T. Shereen, M. Barber, D. Dumont, R. Geisler, K. Grindle, A. Morrison, L. McMillan, C. Casey, R. Evans, P. Flanagan, D. Marks, On behalf of the BEST Collaborative

Australian Red Cross Blood Service, Alexandria, Australia

14:45 - 15:00
4C-S23-03

RELEASE OF BIOLOGIC RESPONSE MODIFIERS FOLLOWING CRYOPRESERVATION OF PATHOGEN REDUCED AND NON-PATHOGEN REDUCED PLATELET CONCENTRATES

N. Tynngård, P. Sandgren

Research and Development Unit in Region Östergötland, Linköping, Sweden

15:00 - 15:15
4C-S23-04

CRYOPRESERVED DOXORUBICIN-LOADED PLATELETS (PLT-DOX) AS TARGETED CELL-BASED DELIVERY SYSTEM FOR CANCER THERAPY: A TROJAN HORSE TRANSLATIONAL APPROACH

Y.-W. Wu, C.-C. Huang, C. A. Changou, L.-S. Lu, H. A. Goubran, T. Burnouf
Taipei Medical University, Taipei, Taiwan, Republic of China

15:15 - 15:30
4C-S23-05

PLATELET ADHESION AND AGGREGATION RECEPTORS ARE ALTERED BY THE COMBINED IMPACT OF UVC PATHOGEN INACTIVATION AND CRYOPRESERVATION

L. Waters, M. Padula, D. Marks, L. Johnson

Australian Red Cross Blood Service, Sydney, Australia, The University of Sydney, Sydney, Australia

15:30 - 16:00

Coffee Break

Tuesday, June 5

14:00 - 15:30
Meeting Room 718B

Blood safety - Haemovigilance

Moderators: N. Heddle (Canada) and N. Marwaha (India)

14:00 - 14:30
4C-S24-01

INDIAN EXPERIENCE OF INTRODUCING A HAEMOVIGILANCE SCHEME

A. Bisht

National Institute of Biological Ministry of Health & Family Welfare, Noida, India

14:30 - 14:45
4C-S24-02

PUTATIVE ALLERGIES WITH METHYLENE BLUE TREATED PLASMA IN HAEMOVIGILANCE DATA: A REAPPRAISAL.

P. Renaudier, A. Schumacher, N. Malvaux, A. Heinrich,

M.-L. Van der Zwalm, L. Scheer, F. Merny, J. Leveque, P. L. Courrier, J. C. Faber

Blood Transfusion Center - Luxembourg Red Cross, Luxembourg

14:45 - 15:00
4C-S24-03

CLASSIFICATION OF TRANSFUSION REACTIONS USING DEFINITIONS FROM ISBT WP ON HAEMOVIGILANCE.

O. Flesland, C. T. Steinsvåg, A. Espinosa

Norwegian Directorate Of Health, Oslo, Norway

15:00 - 15:15
4C-S24-04

KOREAN HAEMOVIGILANCE SYSTEM – TEN YEARS OF OPERATION RESULTS

J. Hyun, S. Choi, J. N. Kim, Y. J. Hong, H. Kim, T. S. Kim, J. S. Park,

K. U. Park, K.-S. Han

Hallym University College of Medicine, Hwaseong-si, Republic of Korea

15:15 - 15:30
4C-S24-05

THE FREQUENCY OF PATIENT REGISTRATION ERRORS AND THEIR IMPACT ON TRANSFUSION SAFETY

S. Ning, M. Yan, J. Callum

McMaster University, Hamilton, Canada

15:30 - 16:00

Coffee Break

Tuesday, June 5

14:00 - 15:30
Meeting Room 801

International Transfusion Practitioner (TP) survey and TP abstracts

Moderators: L. Mckenzie (Canada) and L. Bielby (Australia)

14:00 - 14:30
4C-S25-01

SURVEY OF ISBT MEMBER COUNTRIES TO ASSESS THE ADOPTION OF THE TRANSFUSION PRACTITIONER ROLE

A. S. Dhesi, R. Deelen, L. Bielby, R. Moss, C. O'Reilly
NHS Blood and Transplant, London, United Kingdom

14:30 - 14:45
4C-S25-02

THIS BLOOD THAT IS NOT MINE : MEANING AND PARADOXES OF BLOOD TRANSFUSION. AN ANTHROPOLOGICAL CLINICAL STUDY OF RECIPIENTS' FAMILY

L. Gomez Cardona, S. Fortin, M. Tucci, J. Lacroix
Université de Montréal, Montréal, Canada

14:45 - 15:00
4C-S25-03

RURAL AND REGIONAL BLOOD MANAGEMENT IN QUEENSLAND, AUSTRALIA: THE ROLE OF A TRANSFUSION NURSE

S. Kay
Darling Downs Hospital and Health Service, Toowoomba, Australia

15:00 - 15:15
4C-S25-04

PROVIDING A NEW TREATMENT OPTION FOR PATIENTS WHO NEED IMMUNOGLOBULIN THERAPY IN VICTORIA, AUSTRALIA

K. Bastin, L. Bielby, C. Akers, B. Glazebrook, J. van Diemen, J. Daly
Australian Red Cross Blood Service, Melbourne, Australia

15:15 - 15:30
4C-S25-05

INCLUSION OF FERRITIN LEVELS IN A DECISION SUPPORT FOR RED BLOOD CELL TRANSFUSION

C. Sanadi, A. Damani, S. Solomon, L. Bortignon, N. Shehata
Mount Sinai Hospital, Toronto, Canada

15:30 - 16:00

Coffee Break

Tuesday, June 5

14:00 - 15:30
Meeting Room 802

Working Party Session on Blood Supply Management

Moderator: J. Ansah (Ghana)

14:00 - 14:30
4C-S26-01

EFFECTIVE COLD CHAIN MANAGEMENT

R. Tocchetti
SA Pathology, Adelaide, Australia

14:30 - 15:00
4C-S26-02

OUTCOME OF SURVEY ON BLOOD PRODUCT WASTAGE IN DEVELOPING COUNTRIES

N. Beckman
Hemanext

15:00 - 15:30
4C-S26-03

CHALLENGES TO EMERGENCY TRANSFUSION IN DEVELOPING/ RESOURCE CONSTRAINED COUNTRIES

D. Kyeyune, H. Hume
Uganda Blood Transfusion Service, Kampala, Uganda

15:30 - 16:00

Coffee Break

Tuesday, June 5

16:00 - 17:30
Plenary Room

Clinical - Hemoglobinopathies

Moderators: N. Robitaille (Canada) and C. Politis (Greece)

16:00 - 16:30
4D-S27-01

PREVENTION AND MANAGEMENT OF RED BLOOD CELL ALLOIMMUNIZATION IN THALASSEMIA

A. A. Pourfathollah

Iranian Blood Transfusion Organization, Tehran, Iran

16:30 - 16:45
4D-S27-02

THE TRUE COST OF TRANSFUSION IN THALASSAEMIA STUDY (TRUSTT)

N. Waters, K. Burns, H. Haysom, A. Higgins, R. Tahiri, K. Rushford, T. Dunstan, K. Saxby, Z. Kaplan, S. Chunilal, Z. McQuilten, E. Wood
Monash University, Melbourne, Australia

16:45 - 17:00
4D-S27-03

RED CELL ALLOIMMUNIZATION IN EPISODIC AND CHRONICALLY TRANSFUSED THALASSEMIA INTERMEDIA

M. Yan, H. Merkeley, C. Cserti-Gazdewich

University of Toronto, Toronto, Canada

17:00 - 17:15
4D-S27-04

IDENTIFICATION OF GENETIC BIOMARKERS FOR ALLOIMMUNIZATION IN SICKLE CELL DISEASE USING NEXT GENERATION SEQUENCING

S. M. Meinderts, J. Sins, J. Gerritsma, M. de Boer, K. van Leeuwen, M. Tanck, B. Biemond, A. Rijneveld, J.-L. Kerkhoffs, S. Pakdaman, A. Habibi, R. van Bruggen, T. Kuijpers, E. van der Schoot, K. Fijnvandraat, F. Pirenne, T. van den Berg
Sanquin Research and Landsteiner Laboratory, Amsterdam, Netherlands

17:15 - 17:30
4D-S27-05

USE OF A CLOUD-BASED SEARCH ENGINE OF A CENTRALIZED DATABASE TO IDENTIFY HISTORICAL ANTIGEN-NEGATIVE UNITS IN HOSPITAL INVENTORIES

G. Denomme, S. Reinders, A. Trembl, J. Gottschall, W. Anani
Versiti/BloodCenter of Wisconsin, Milwaukee, United States

17:45 - 18:45

Poster Session

Tuesday, June 5

16:00 - 17:30
Meeting Room 701

Donor safety

Moderators: H. Ullum (Denmark) and R. Skeate (Canada)

16:00 - 16:30
4D-S28-01

DONOR HEALTH: IMPROVING THE SAFETY AND EFFICIENCY OF BLOOD DONATION

E. Di Angelantonio

University of Cambridge, Cambridge, United Kingdom

16:30 - 16:45
4D-S28-02

GENERALIZED ALLERGIC REACTIONS IN BLOOD DONORS

M. Townsend, H. Kamel, M. Bravo

Blood Systems, Scottsdale, United States

16:45 - 17:00
4D-S28-03

PREDICTIVE VALUE OF FERRITIN AND ZINC PROTOPORPHYRIN FOR SUBSEQUENT LOW-HAEMOGLOBIN DEFERRAL

S. Zalpuri, T. Timmer, W. de Kort, M. Heymans, K. van den Hurk
Sanquin, Amsterdam, Netherlands

17:00 - 17:15
4D-S28-04

PROMOTING DONOR HEALTH AND STABLE COLLECTIONS: A PILOT FERRITIN TESTING PROGRAM IN MALE PLATELETPHERESIS DONORS

B. R. Spencer, J. Haynes, E. Notari, G. Foster, G. Holley, B. Deisting, C. Winton, D. Krysztof, W. Steele, S. Stramer
American Red Cross, Rockville, United States

17:15 - 17:30
4D-S28-05

PLASMA SUPPLY MANAGEMENT: SAFE AND SUSTAINABLE PLASMAPHERESIS

R. Norda, J. Castren, G. Follea, G. Marano, G. Rautmann, J. Epstein, J. Pink

Uppsala University Hospital, Uppsala, Sweden

17:45 - 18:45

Poster Session

Tuesday, June 5

16:00 - 17:30
Room 706

Workshop Grant Writing

Moderators: Dale Dempsey, Canadian Institutes of Health Research and Imelda Bates, Liverpool School of Tropical Medicine.

During the workshop on grant writing, the moderators will explain what a successful proposal should look like and provide tips and techniques for the grant proposal process. The session will be interactive, giving the audience the possibility to ask questions and take part in the discussion.

Tuesday, June 5

16:00 - 17:30
Meeting Room 716

Accreditation, Standards and Good Practice - Improving Transfusion Services

Moderators: C. Seidl (Germany) and S. Darnel (Canada)

16:00 - 16:30
4D-S29-01

THE CHALLENGES OF IMPLEMENTING THE EUROPEAN GOOD PRACTICE GUIDELINES FOR BLOOD COMPONENTS IN THE BLOOD ESTABLISHMENTS OF SLOVENIA

P. Mali

Blood Transfusion Centre of Slovenia

16:30 - 17:00
4D-S29-02

THE AFRICA SOCIETY FOR BLOOD TRANSFUSION STEP-WISE ACCREDITATION PROGRAMME: ORGANIZATION, ACHIEVEMENTS AND CHALLENGES

C. Tayou, M. Farouk, L. Bust, D. Mvere

Africa Society for Blood Transfusion, Yaoundé, Cameroon

17:00 - 17:30
4D-S29-03

DEVELOPING COUNTRY AWARD "INITIATIVES FOR IMPROVING BLOOD TRANSFUSION SERVICES IN A REGIONAL PUBLIC TERTIARY HEALTHCARE INSTITUTION IN INDIA".

PGIMER, Chandigarh, India

17:45 - 18:45

Poster Session

Tuesday, June 5

16:00 - 17:30
Meeting Room 718A

Adverse reactions - Immunological crosstalk

Moderators: J. Semple (Sweden) and D. Arnold (Canada)

16:00 - 16:30
4D-S30-01

ITP, FROM PATHOPHYSIOLOGY TO TREATMENT

M. Michel

Henri Mondor university Hospital, Assistance Publique Hôpitaux de Paris, Paris, France

16:30 - 16:45
4D-S30-02

A POTENTIAL ROLE IN PLATELET DESTRUCTION IN AUTOIMMUNE THROMBOCYTOPENIA: ANTIBODY MEDIATED GLYCAN MODIFICATION ON PLATELETS AND MEGAKARYOCYTES

T. Bakchoul, I. Marini, R. Jouni, F. Rigoni, K. Sevke-Masour, U. Sachs
Center for Clinical Transfusion Medicine, Tübingen, Germany

16:45 - 17:00
4D-S30-03

HOW DO ANTI-ERYTHROCYTE ANTIBODIES AMELIORATE IMMUNE THROMBOCYTOPENIA – EXAMINATION OF ANEMIA, PHAGOCYTOSIS AND INFLAMMATORY ACTIVITY IN A MURINE MODEL

R. Khan, A. Lazarus

St. Michael's Hospital, Toronto, Canada, University of Toronto, Toronto, Canada

17:00 - 17:15
4D-S30-04

CANDIDA ALBICANS DECREASES AUTOPHAGY OF HUMAN PLATELETS

Q. Chen, Z. Duan, M. Li

Jiangsu Province Blood Center, Nanjing, China

17:15 - 17:30
4D-S30-05

ERYTHROCYTE ANTIGEN LOSS DEFINES ANTIBODY-MEDIATED IMMUNE SUPPRESSION: STUDIES WITH WILD-TYPE AND IGG FC REGION DEGLYCOSYLATED ANTIBODIES IN MICE

Y. Cruz-Lea, D. Marjoram, A. H. Lazarus

St Michael's Hospital, Toronto, Canada, Canadian Blood Services, Ottawa, Canada

17:45 - 18:45

Poster Session

Tuesday, June 5

16:00 - 17:30
Meeting Room 718B

Working Party Session on Rare donors/terminology/ immunohaematology

Moderator: N. Thornton (United Kingdom)

16:00 - 16:05
4D-S31-01

INTRODUCTION

N. Thornton

International Blood Group Reference Laboratory, NHS Blood and Transplant, Bristol, United Kingdom

16:05 - 16:30
4D-S31-02

NAME THAT SPECIFICITY: INVESTIGATING AND IDENTIFYING COMPLEX AND EXOTIC RH VARIANTS

T. Peyrard

Laboratoire d'Excellence GR-Ex, Paris, France, UMR_S1134 Inserm Université Paris Diderot, Paris, France, Institut National de la Transfusion Sanguine, Paris, France

16:30 - 16:55
4D-S31-03

MAKING IT ALL HAPPEN FOR PATIENTS WITH RARE BLOOD

V. Yahalom

Magen David Adom - National Blood Services, Ramat Gan, Israel, Rabin Medical Center, Petah Tikva, Israel

16:55 - 17:20
4D-S31-04

CATALOGING BLOOD GROUP VARIATION WITH THE HELP OF NEW TOOLS

M.L. Olsson

Lund University, Lund, Sweden

17:20 - 17:30

Discussion

17:45 - 18:45

Poster Session

Tuesday, June 5

16:00 - 17:30
Meeting Room 801

Working Party Session on Cellular Therapies

Moderator: M. Koh (United Kingdom)

16:00 - 16:30
4D-S32-01

THE CURRENT STATUS OF HUMAN PLATELET LYSATES: PRODUCTION AND MANUFACTURE

[T. Burnouf](#)

Taipei Medical University, Taipei City, Taiwan, Republic of China

16:30 - 17:00
4D-S32-02

CLINICAL INDICATIONS, EFFICACY, AND QUALITY CONTROL OF AUTOLOGOUS PLATELET RICH PLASMA (PRP)

[C. S. Cohn](#), M. Koh

University of Minnesota, Minneapolis, United States

17:00 - 17:30
4D-S32-03

NOVEL NEW PLATELET DERIVED PRODUCTS: SCIENCE, REGULATION AND THE EVOLVING ROLE OF BLOOD BANKS

[M. Koh](#)

International Blood Group Reference Laboratory,
NHS Blood and Transplant, Bristol, United Kingdom

17:45 - 18:45

Poster Session

Wednesday, June 6

08:30 - 10:00
Plenary Room

Immunobiology - Red blood cell antigens

Moderators: J. Storry (Sweden) and C. Gassner (Switzerland)

08:30 - 08:45
5A-S33-01

DISRUPTION OF A GATA-1 BINDING MOTIF 3.7 KB UPSTREAM OF THE XG/PBDX GENE ABOLISHES ERYTHROID XGA EXPRESSION AND ELUCIDATES THE LAST UNRESOLVED BLOOD GROUP SYSTEM
M. Möller, [Y. Q. Lee](#), K. Vidovic, L. Björkman, J. R. Storry, M. L. Olsson
Lund University, Lund, Sweden

08:45 - 09:00
5A-S33-02

SEROLOGICAL AND MOLECULAR CHARACTERISATION OF A NOVEL HIGH FREQUENCY ANTIGEN IN THE YT BLOOD GROUP SYSTEM
V. Karamatic Crew, R. Laundy, P. Walsler, S. Turnley, D. Palmer, S. Afzal, A. Blackburn, R. Mitha, T. Trimble, [N. Thornton](#)
NHS Blood and Transplant, Bristol, United Kingdom

09:00 - 09:15
5A-S33-03

GBGT1 IS ALLELICALLY DIVERSE BUT DISPENSABLE IN HUMANS AND NATURALLY-OCCURRING ANTI-FORS1 SHOWS AN ABO-RESTRICTED PATTERN
[A. Hult](#), E. McSherry, M. Möller, M. L. Olsson
Lund University, Lund, Sweden, LabMedicine, Region Skåne, Lund, Sweden

09:15 - 09:30
5A-S33-04

REGULATION OF ABO BLOOD GROUP ANTIGEN EXPRESSION BY MIRNA-331-3P AND MIR-1908-5P
[R. Kronstein-Wiedemann](#), P. Bugert, T. Tonn
DRK-Blutspendedienst Nord-Ost, Dresden, Germany

09:30 - 09:45
5A-S33-05

LACK OF THE NUCLEOSIDE TRANSPORTER ENT1 IN INDIVIDUALS WITH THE RARE AUGUSTINE-NULL BLOOD GROUP IS ASSOCIATED WITH AN ABNORMAL ERYTHROPOIESIS AND MACROCYTOSIS
M. Mikdar, C. Le Van Kim, S. Kinet, N. Taylor, Y. Colin, [S. Azouzi](#), T. Peyrard
Institut National de la Transfusion Sanguine, Paris, France, UMR_S1134 Inserm Université Paris Diderot, Paris, France, Laboratoire d'Excellence GR-Ex, Paris, France

09:45 - 10:00
5A-S33-06

CHARACTERIZATION OF A NOVEL HIGH-PREVALENCE RED BLOOD CELL ANTIGEN IN THE AUGUSTINE BLOOD GROUP SYSTEM
C. Vrignaud, M. Mikdar, A. Raneri, O. Hermine, Y. Colin, C. Le Van Kim, S. Azouzi, [T. Peyrard](#)
Institut National de la Transfusion Sanguine, Paris, France, UMR_S1134 Inserm Université Paris Diderot, Paris, France, Laboratoire d'Excellence GR-Ex, Paris, France

10:00 - 10:30

Coffee Break

Wednesday, June 6

08:30 - 10:00
Meeting Room 701

Blood products - red cells

Moderators: D. de Korte (Netherlands) and J. Acker (Canada)

08:30 - 09:00
5A-S34-01

AUTOMATED BLOOD PRODUCTS
J. Cid, M. Lozano
Hospital Clínic, Barcelona, Spain

09:00 - 09:15
5A-S34-02

PROCESSING METHODS AND QUALITY MARKERS IN THE PRODUCTION OF RED BLOOD CELL UNITS
A. W.-Y. Shih, N. Heddle, R. Barty, N. Li, J. Acker, Q. Mip, Investigators on behalf of BEST Collaborative
Vancouver Coastal Health Authority, Vancouver, Canada, University of British Columbia, Vancouver, Canada

09:15 - 09:30
5A-S34-03

APPLICATION OF IMAGE FLOW CYTOMETRY ON THE CHARACTERIZATION OF RED BLOOD CELL MORPHOLOGY: VALIDATION AGAINST THE CONVENTIONAL TECHNIQUE AND TRENDS OBSERVED DUE TO DONOR VARIABILITY
J. A. Sebastian, R. N. Pinto, T. Turner, M. J. Parsons, J. P. Acker, M. C. Kolios
Institute of Biomedical Engineering, Science, and Technology (iBEST), Toronto, Canada, Ryerson University, Toronto, Canada

09:30 - 09:45
5A-S34-04

SOLUBLE FACTORS IN PACKED RED BLOOD CELLS MODULATE INFLAMMASOMES: POTENTIAL MECHANISM ASSOCIATED WITH TRANSFUSION-RELATED IMMUNOMODULATION
M. M. Dean, K. M. Rooks, F. N. Chong, R. L. Flower
Queensland University of Technology, Brisbane, Australia, Australian Red Cross Blood Service, Kelvin Grove, Australia

09:45 - 10:00
5A-S34-05

TRANSFUSIONS OF PACKED RED BLOOD CELLS AT THE END OF SHELF LIFE ARE ASSOCIATED WITH INCREASED CIRCULATING MICROPARTICLES UNDER FLOW CONDITIONS
M. S. Y. S. Y. Ng, J. Y. Suen, K. Rooks, J.-P. Tung, J. Fraser
Australian Red Cross Blood Service, Brisbane, Australia, Faculty of Medicine, University of Queensland, Brisbane, Australia

10:00 - 10:30

Coffee Break

Wednesday, June 6

08:30 - 10:00
Meeting Room 716

Donors and Donation - Building a safe and sustainable donor base

Moderators: M. Smid (Netherlands) and S. Daigneault (Canada)

08:30 - 09:00
5A-S35-01

AN OVERVIEW OF DONOR BASE MODELS IN SUB-SAHARAN AFRICA: CHALLENGES AND SUCCESSSES
I. Bates
Liverpool School of Tropical Medicine, Liverpool, United Kingdom

09:00 - 09:30
5A-S35-02

BUILDING A BLOOD SYSTEM: THE VIEW FROM SAUDI ARABIA
M. Badawi
King Abdulaziz University, Jeddah, Saudi Arabia

09:30 - 09:45
5A-S35-03

FIRST TIME VOLUNTARY BLOOD DONORS RETURN RATE AND DETERMINANTS IN ETHIOPIAN NATIONAL BLOOD BANK SERVICE
D. F. Adamu, M. Addissie, W. Haileselassie
Ethiopian National Blood Bank Service, Addis Ababa, Ethiopia

09:45 - 10:00
5A-S35-04

VOLUNTARY BLOOD DONATION- THE CHALLENGES AND PRACTICES AND FEASIBILITY IN DEVELOPING COUNTRIES
J. D. Jeyakumar, C. Subash, R. Krishnamoorthy, P. Muddegowda
MIOT International Hospitals, Chennai, India

10:00 - 10:30

Coffee Break

Wednesday, June 6

08:30 - 10:00
Meeting Room 718A

Blood Safety - Viruses

Moderators: C. Erikstrup (Denmark) and M. Fearon (Canada)

08:30 - 09:00
5A-S36-01

SPLENIC MACROPHAGE SUBSETS AND THEIR FUNCTION DURING BLOOD-BORNE INFECTIONS

R. D' Imperio Lima, H. Borges da Silva, R. Fonseca, A. Cassado, J. M. Alvarez Mosig
University of São Paulo, Sao Paulo, Brazil

09:00 - 09:15
5A-S36-02

HBV INFECTION RATES IN SOUTH AFRICAN NATIONAL BLOOD SERVICE (SANBS) DONORS BORN BEFORE AND AFTER THE IMPLEMENTATION OF UNIVERSAL HBV VACCINATION

W. A. Sykes, M. Vermeulen, C. Coleman, K. van den Berg
SANBS, Durban, South Africa

09:15 - 09:30
5A-S36-03

FIRST CASE OF HIV-NAT NEGATIVE DONATION COLLECTED DURING ECLIPSE PHASE SINCE IMPLEMENTATION OF HIGHLY SENSITIVE INDIVIDUAL NAT IN FRANCE

P. Cappy, V. Barlet, Q. Lucas, X. Tinard, J. Pillonel, S. Gross, S. Laperche
INTS, Paris, France

09:45 - 10:00
5A-S36-04

IMPLEMENTATION OF HEPATITIS E VIRUS RNA TESTING IN BLOOD DONORS IN ENGLAND – MOVING FROM PARTIAL TO UNIVERSAL SCREENING

I. Ushiro-Lumb, K. Tettmar, B. Haywood, S. Ijaz, R. Tedder
Public Health England, London, United Kingdom, NHS Blood and Transplant, London, United Kingdom

10:00 - 10:30

Coffee Break

Wednesday, June 6

08:30 - 10:00
Meeting Room 718B

Clinical - Transfusion in haemato-oncology

Moderators: K. Pavenski (Canada) and S. Stanworth (United Kingdom)

08:30 - 09:00
5A-S37-01

LOWERING TRANSFUSION THRESHOLDS IN HAEMATOPOETIC STEM CELL TRANSPLANTATION

A. Tinmouth
Ottawa Hospital Research Institute, Ottawa, Canada

09:00 - 09:15
5A-S37-02

EFFICACY AND AVAILABILITY OF HLA-MATCHED PLATELET TRANSFUSIONS FOR PLATELET REFRACTORY PATIENTS IN THE NETHERLANDS

A. Kreuger, A. Mäkelburg, J. Somers, B. Tomson, L. van de Watering, J. van der Bom, M. van Kraaij, C. Weller
Sanquin Blood Bank, Amsterdam, Netherlands

09:15 - 09:30
5A-S37-03

EFFECT OF STORAGE AND PATHOGEN REDUCTION ON ALLOIMMUNIZATION AFTER PLATELET TRANSFUSIONS

A. Saris, J. L. Kerkhoffs, P. Norris, I. Peyron, T. B. Stuge, S. M. van Ham, P. F. van der Meer, J. J. Zwaginga, A. ten Brinke
Sanquin, Amsterdam, Netherlands

09:30 - 09:45
5A-S37-04

COMPARISON OF CORRECTED COUNT INCREMENT (CCI) AND ABSOLUTE PLATELET COUNT INCREMENT (API) IN ABO-COMPATIBLE VERSUS ABO-INCOMPATIBLE PLATELET TRANSFUSIONS IN NON-CANCER RECIPIENTS

R. Chandrabhan Dara, R. Sharma, H. Bhardwaj, V. Tak
Manipal Hospitals Jaipur, Jaipur, India

09:45 - 10:00
5A-S37-05

ESTABLISHMENT AND VALIDATION OF A LABORATORY ASSAY FOR MONITORING SURVIVAL OF TRANSFUSED PLATELETS: TRACKING HLA MISMATCH BETWEEN DONOR AND RECIPIENT.

M. Kjær, E. Fleck, J. Kjeldsen-Kragh, A. Vetlesen, C. Geisen
Funded by EU's Seventh Framework Programme for Research (FP7)
University Hospital North Norway, Tromsø, Norway, Prophylix Pharma AS, Tromsø, Norway

10:00 - 10:30

Coffee Break

Wednesday, June 6

08:30 - 10:00
Meeting Room 80

Working Party Session on Clinical Transfusion - paediatric sub group

Moderator: C. So-Osman (Netherlands)

- 08:30 - 09:00** To be announced
- 09:00 - 09:30**
5A-S38-02 EPIDEMIOLOGY, PRACTICE PATTERNS AND OUTCOMES FOR CHILDREN TRANSFUSED FOR LIFE THREATENING HAEMORRHAGE
P. Spinella
Washington University School of Medicine St. Louis, Pediatric Critical Care, United States
- 09:30 - 10:00**
5A-S38-03 WHAT HAVE WE LEARNED FROM NEONATAL AND PAEDIATRIC HAEMOVIGILANCE?
H. New
Imperial College, London, United Kingdom, NHS Blood and Transplant, London, United Kingdom
- 10:00 - 10:30** **Coffee Break**

Wednesday, June 6

10:30 - 12:00
Plenary Room

Plenary Session: Platelets

Moderators: E. Wood (Australia) and J. Freedman (Canada)

- 10:30 - 11:00**
PL4-01 IN VITRO PRODUCTION OF PLATELETS
B. Dykstra, J. Valdez, C. Peters, L. Beaulieu, J. Thon
Platelet BioGenesis, Cambridge, United States
- 11:00 - 11:30**
PL4-02 NOVEL ROLES FOR PLATELETS IN HEALTH AND DISEASE
M. T. Rondina
University Of Utah, Salt Lake City, United States
- 11:30 - 12:00**
PL4-03 PREVENTION OF HLA ALLOIMMUNE PLATELET REFRACTORINESS
K. Pavenski
St. Michael's Hospital and University of Toronto, Toronto, Canada
- 12:00 - 13:30** **Lunch**

Wednesday, June 6

13:30 - 15:00
Plenary Room

Blood products - The relationship between donor characteristics and transfusion outcome

Moderators: D. Devine (Canada) and M. van Kraaij (Netherlands)

13:30 - 14:00
5C-S39-01

EFFECT OF BLOOD DONOR SEX AND PARITY ON THE OUTCOME OF TRANSFUSED PATIENTS – THE SCANDAT EXPERIENCE

G. Edgren, H. Hjalgrim

Södersjukhuset, Stockholm, Sweden, Karolinska Institutet, Stockholm, Sweden

14:00 - 14:30
5C-S39-02

THE EFFECT OF SEX OF THE DONOR ON THE SURVIVAL OF TRANSFUSION RECIPIENTS

R. A. Middelburg

Leiden University Medical Center, Leiden, Netherlands, Sanquin Research, Leiden, Netherlands

14:30 - 14:45
5C-S39-03

UNTARGETED METABOLOMICS ANALYSES OF REDS-III RECALLED DONORS IDENTIFY METABOLIC MARKERS OF OSMOTIC AND OXIDATIVE HEMOLYSIS BASED ON DONOR GENDER, AGE, ETHNICITY AND STORAGE ADDITIVES

A. D'Alessandro, J. Reisz, R. Culp-Hill, T. Nemkov, S. Gehrke, X. Fu, T. Kaniyas, M. Gladwin, G. Page, S. Kleinman, M. Busch, J. Zimring

University of Colorado Denver, Aurora, United States

14:45 - 15:00
5C-S39-04

THE ASSOCIATION BETWEEN DONOR SEX AND AGE AND MORTALITY IN BLOOD TRANSFUSION RECIPIENTS: AN EXPLORATORY ANALYSIS

N. M. Heddle, R. Cook, Y. Liu, M. Zeller, R. Barty, J. Acker, J. Eikelboom, D. Arnold

McMaster University, Hamilton, Canada

Wednesday, June 6

13:30 - 15:00
Meeting Room 701

Management and organization - Clinical Audit and education

Moderators: M. Yan (Canada) and K. Land (United States)

13:30 - 14:00
5C-S40-01

ENHANCED EFFICACY OF AUDIT AND FEEDBACK TO IMPROVE TRANSFUSION PRACTICE: DESIGNING AND TESTING NOVEL FEEDBACK INTERVENTIONS IN A NATIONAL CLUSTER RANDOMISED TRIAL
S. J. Stanworth, F. Lorencatto, NHSBT/OUH, Oxford, United Kingdom

14:00 - 14:15
5C-S40-02

IMPROVING BLOOD COMPONENT ORDERING PRACTICES IN A DEVELOPING COUNTRY BY INTRODUCING COMPUTER PHYSICIAN ORDER ENTRY [CPOE] SYSTEM

F. Karim, Aga Khan University Hospital, Karachi, Pakistan

14:15 - 14:30
5C-S40-03

TRANSFUSION CAMP: A PROSPECTIVE EVALUATION OF A TRANSFUSION MEDICINE EDUCATION FIVE-DAY PROGRAM ON MULTI-SPECIALTY POSTGRADUATE TRAINEE ATTITUDES, KNOWLEDGE AND SELF-REPORTED BEHAVIOUR

Y. Lin, A. Alam, S. Charge, C. Cserti-Gazdewich, W. Lau, C. Lee, L. Lieberman, P. Nixon, W. Owens, K. Pavenski, J. Pendergrast, E. Saidenberg, N. Shehata, R. Skeate, E. Tilokee, J. Callum
University of Toronto, Toronto, Canada, Sunnybrook Health Sciences Centre, Toronto, Canada

14:30 - 14:45
5C-S40-04

TAILOR-MADE TRANSFUSION EDUCATION FOR AUSTRALIAN JUNIOR DOCTORS

C. Flores, B. Quested, T. Spigiel, A. Thomson, J. Little, B. Saxon
Australian Red Cross Blood Service, Melbourne, Australia

14:45 - 15:00
5C-S40-05

THE EXPERIENCE OF THE INTERNATIONAL COLLABORATION FOR TRANSFUSION MEDICINE GUIDELINES (ICTMG) IN GUIDELINE DISSEMINATION

M. Fung, H. Hume, K. Pavenski, S. Nahirniak, R. Kaufman, T. Viner, S. Torrance, D. Landry, N. Shehata
on behalf of the International Collaboration for Transfusion Medicine Guidelines (ICTMG)

Institute of Health Policy Management and Evaluation, Mount Sinai Hospital, and Canadian Blood Services, Toronto, Canada

15:00 - 15:30

Coffee Break

Wednesday, June 6

13:30 - 15:00
Meeting Room 716

Donors - Donor recruitment and retention

Moderator: P. van den Berg (Netherlands)

13:30 - 14:00
5C-S41-01

STRATEGIES TO PROMOTE REPEAT DONATION IN FIRST-TIME BLOOD DONORS IN GHANA

L. Asamoah-Akuoko, H. Ullum, O. Hassall, I. Bates

Liverpool School of Tropical Medicine, Liverpool, United Kingdom

14:00 - 14:15
5C-S41-02

RECEIVING A TEMPORARY DEFERRAL: DO DONORS' KNOWLEDGE AND EMOTIONAL REACTIONS IMPACT ON THEIR INTENTION TO RE-DONATE?

N. Van Dyke, C. Gemelli, A. Thijsen, T. Davison

Australian Red Cross Blood Service, Melbourne, Australia

14:15 - 14:30
5C-S41-03

MOBILE BLOOD COLLECTION AND ITS ROLE IN INCREASING VOLUNTARY UNPAID BLOOD COLLECTIONS: AN 8-YEAR GHANA EXPERIENCE

E. N. Deij, L. Asamoah-Akuoko, J. Ansah

National Blood Service Ghana, Accra, Ghana

14:30 - 14:45
5C-S41-04

BLOOD DONATION WILLINGNESS, MOTIVATORS AND BARRIERS IN BLOOD DONORS AND THE GENERAL POPULATION IN SURINAME

E. M. Huis In 't Veld, M. Adhin, G. Jalink, E.-J. Burseson, M. Smid

Sanquin Blood Supply, Amsterdam, Netherlands

14:45 - 15:00
5C-S41-05

SOCIAL MEDIA AND BLOOD DONOR BEHAVIOR: NEW WAYS OF RESEARCH AND COMMUNICATION

E.-M. Merz, P. Kerkhof

Vrije Universiteit, Amsterdam, Netherlands, Sanquin Blood Supply,

Amsterdam, Netherlands

15:00 - 15:30

Coffee Break

Wednesday, June 6

13:30 - 15:00
Meeting Room 718A

Clinical - Problems in transfusion medicine

Moderators: J. Pendergrast (Canada)

13:30 - 14:00
5C-S42-01

THE SIGNIFICANCE OF ALTERED IGG-GLYCOSYLATION IN TRANSFUSION MEDICINE

G. Vidarsson

Sanquin Research, Amsterdam, Netherlands

14:00 - 14:30
5C-S42-02

TRANSFUSION-ASSOCIATED CIRCULATORY OVERLOAD (TACO): TIME TO SHED LIGHT ON THE PATHOPHYSIOLOGY

R. Kapur

Lund University, Lund, Sweden

14:30 - 14:45
5C-S42-03

ASSOCIATION AND TIMING OF DEATH IN REACTIONS CLASSIFIED AS TRANSFUSION ASSOCIATED CIRCULATORY OVERLOAD

C. Cserti-Gazdewich, A. Escorcía, F. Tasmin, J. Pendergrast,

L. Lieberman, Y. Lin, H. Ross, J. Callum

University Health Network/University of Toronto, Toronto, Canada

14:45 - 15:00
5C-S42-04

THE PRO- INFLAMMATORY AND PRO- COAGULANT MICROPARTICLES FROM STORED RED BLOOD CELL CONCENTRATES ARE IMPLICATED IN ONSET OF TRANSFUSION RELATED LUNG INJURY (TRALI)

R. Xie, J. Yang, Y. Yang, L. Gao, Y. Zhu, K. Qian

Shanghai Blood Center, Shanghai, China

15:00 - 15:30

Coffee Break

Wednesday, June 6

13:30 - 15:00
Meeting Room 718B

Blood safety - Emerging infectious diseases

Moderators: J. Levi (Brazil) and M. Fearon (Canada)

13:30 - 14:00
5C-S43-01

EMERGING INFECTIOUS DISEASES
C. Erikstrup, H. Ullum
Aarhus University Hospital, Aarhus, Denmark

14:00 - 14:15
5C-S43-02

COST-EFFECTIVENESS OF SCREENING THE BLOOD SUPPLY FOR ZIKA VIRUS IN PUERTO RICO AND THE FIFTY US STATES
W. A. Russell, S. L. Stramer, B. Custer
Stanford University, Palo Alto, United States

14:15 - 14:30
5C-S43-03

CHARACTERIZATION OF EVOLVING VIRAL AND SEROLOGICAL STAGES OF ZIKV RNA POSITIVE BLOOD DONORS AND ESTIMATION OF POPULATION INCIDENCE OF INFECTIONS DURING THE PUERTO RICO ZIKA EPIDEMIC, 2016
P. Williamson, G. Simmons, B. Biggerstaff, M. Stone, V. Winkelman, G. Latoni, J. Alsina, A. Powers, S. Bakkour, L. Pate, S. Galel, M. Busch
Creative Testing Solutions, Tempe, United States

14:30 - 14:45
5C-S43-04

ZIKA RNA AND ANTIBODY PERSISTENCE IN BLOOD AND BODY FLUIDS AND CLINICAL OUTCOMES IN INFECTED BLOOD DONORS
M. Stone, S. Bakkour, M. Lanteri, G. Simmons, D. Brambilla, P. Williamson, T.-H. Lee, J. Orlando Alsina, R. Reik, S. Galel, J. Linnen, S. Kleinman, M. P. Busch
for the NHLBI Recipient Epidemiology and Donor Evaluation Study-III (REDS-III)
Blood Systems Research Institute, San Francisco, United States

14:45 - 15:00
5C-S43-05

TRANSFUSION-TRANSMISSION OF ZIKA VIRUS IN NON-HUMAN PRIMATE AND MOUSE MODELS
G. Simmons, K. Van Rompay, L. Coffey, K. Lu, J. Yee, S. Bakkour, M. Stone, P. Williamson, M. Muench, M. Busch
Blood Systems Research Institute, San Francisco, United States

15:00 - 15:30

Coffee Break

Wednesday, June 6

13:30 - 15:00
Meeting Room 801

Working Party Session on Platelet Immunobiology

Moderator: U.J. Sachs (Germany)

13:30 - 13:55
5C-S44-01

NEW DISCOVERIES IN IMMUNE-MEDIATED THROMBOCYTOPENIAS: IMPLICATIONS FOR DIAGNOSIS AND THERAPY
H. Ni
Canadian Blood Services, Toronto, Canada, St. Michael's Hospital, Toronto, Canada, University of Toronto, Toronto, Canada

13:55 - 14:20
5C-S44-02

PLATELET SEROLOGY FOR ALLO AND AUTOANTIBODIES: PIVOTAL OR JUST NICE TO HAVE?
U. J. Sachs
Justus Liebig University, Giessen, Germany

14:20 - 14:35
5C-S44-03

REPORT ON THE 19TH INTERNATIONAL SOCIETY OF BLOOD TRANSFUSION PLATELET IMMUNOLOGY WORKSHOP.
L. Richard, L. Beaudin, L. Meilleur, S. Al Khan, G. Clarke, A. Lewin, M. St-Louis
Hema-Quebec, Saint-Laurent, Canada

14:35 - 15:00
5B-S44-04

GENERATION OF HPA-MATCHED PLATELET PRECURSORS FROM HUMAN IPS CELLS USING CRISPR-MEDIATED GENOME ENGINEERING
P. J. Newman
Blood Research Institute, BloodCenter of Wisconsin, Milwaukee, United States

15:00 - 15:30

Coffee Break

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Posters

Poster Area

All accepted posters (publication and display) will be presented in Hall D on Level 800, next to the exhibition area. A list of the posters on display can be found on the next page, in the congress Abstract book and via the Mobile Application. The posters are set out according to the topic and the number of the abstract is displayed in the Mobile application and on the poster board. Posters will be on display in the poster area for 3,5 days.

Poster Mounting

Posters can be mounted as of Saturday, June 2 at 08:00 hours.

- The number of your poster can be found in the (online) Abstract book and the Mobile Application.
- Posters should be mounted with double sided tape only. Assistance and material for mounting the posters will be available from set-up time, at the poster desk in the poster area.

Opening hours Poster desk:

Saturday	June 2	08:00 - 17:00 hours
Sunday	June 3	08:00 - 21:00 hours
Monday	June 4	08:00 - 17:00 hours
Tuesday	June 5	08:00 - 18:45 hours
Wednesday	June 6	08:00 - 16:30 hours

Poster Session

The Poster Session will be organised on Tuesday June 5, from 17:45 - 18:45 hours.

All Poster authors are kindly requested to be present at their poster during the entire session.

The Poster session will be held to enable poster presenters to showcase their work. All delegates are invited to walk around the poster area to view the posters and to enter into lively and challenging discussions with the poster presenters. Snacks and drinks will be served.

Poster Material Removing

Material should be taken before Wednesday, June 6 at 16:30 hours. Material that has not been taken down by the author(s) by this time will be removed and destroyed.

Responsibility for poster presentations

The ISBT and the Local Organising Committee do not assume any responsibility for material displayed on the poster boards.

Posters

1. Management and organisation

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MEET THE MCI AMSTERDAM TEAM

Mikey van den Berg
Exhibition & Sponsorship
Manager

Naud Becker
Director of Congresses
& Associations



Iris Dijkers
Project Manager

Sophie Sanders
Senior Project Manager

Lahcen Ami
Registration Manager

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YOUR PROFESSIONAL CONGRESS ORGANISER

General Information

Climate

In Toronto, the month of June is characterized by rising daily high temperatures, with daily highs increasing from 20°C to 24°C over the course of the month. Temperature is rarely exceeding 29°C or dropping below 15°C.

Currency

The currency is the Canadian Dollar (CAD). VISA creditcards are generally accepted, but ATMs are located frequently throughout the city. Make sure to bring your pincode.

Dress code

Business or business casual.

Electricity

The electrical supply is 120 Volts and 60 Hertz (cycles per second). Canada's electrical supply and electrical outlets are the same as those found in the United States.

Insurance

Delegates are recommended to obtain travel insurance (medical, personal accident and luggage) in their home country prior to departure.

Safety

Generally, Toronto is a safe city. In case of urgent matters you can call 911 for ambulance service, fire stations, and police.

Shopping

Toronto has emerged as a major style destination. Stores abound with luxury designer items, unique vintage finds and top home décor, and high fashion can be found around every corner.

Smoking

Smoking is not allowed in public indoor areas.

Sustainability

ISBT is BullFrogPowered with 100% green electricity

This means that Bullfrog Power's generators put 100% green power into the grid to match the amount of conventional electricity the event uses, displacing energy from polluting sources. Across Canada, Bullfrog's green electricity comes from a blend of wind and low-impact hydro power sourced from new Canadian renewable energy facilities.

For more information on Bullfrog's green energy, visit www.bullfrogpower.com

During the congress and the Congress Party, compostable plates and cutlery will be used. The caterer for the Congress Party is a member of Ocean Wise. They use biodegradable disposables, recycle and compost over 95% of waste, and promote the use of locally sourced, seasonal products.

Visa

Most people need a visa or an Electronic Travel Authorization to travel to Canada. Some people may only need their valid passport. To find out if you need a visa, [click here](#).

Water

Tap water is of a high quality and safe to drink.

Tipping

Tipping comes as second nature to most folks in Toronto. That famous Canadian politeness means courtesy often seems to come naturally when the tab closes or the bill comes around. In restaurants, it is customary to tip approximately 15-20% on the total bill before tax. For other service providers such as hairdressers and taxi drivers the percentage of tip is up to the individual, but 10% minimum is common.

Tourism

The Distillery District neighborhood is a national historic site and walking District. A favorite destination in Toronto for locals and tourists, famous for its unique restaurants, shopping boutiques, artisan studios, arts, culture and entertainment.

Sunday, June 3

17:30 - 18:30 hours
Plenary Room

Opening Ceremony

All delegates and Exhibitors are welcome to attend.

- 17:30 - 17:40 Welcome address by Ravi Reddy, ISBT President
- 17:40 - 17:50 Welcome address by Gilles Delage, Congress President
- 17:50 - 18:00 Presentation of ISBT Awards and Prizes
 - 1) ISBT Award for Developing Countries
Department of Transfusion Medicine, Postgraduate Institute of Medical Education & Research, Chandigarh, India
 - 2) ISBT Award
Peter Flanagan
Pierre Robillard
Diana Teo
 - 3) Vox Sanguinis Best Paper Prize
P.A. Steininger and co authors
- 18:00 - 18:05 Presentation of the Talking Stick by the ISBT President to the Congress President
- 18:05 - 18:25 *Entertainment*
A cultural mixing pot, Toronto is an iconic destination for lifestyle, tradition, culture and festivals. Celebrate Toronto's ethnic diversity, all wrapped up by an urban spoken-work artist who's written something special for ISBT 2018!
- 18:30 All delegates and Exhibitors are invited to proceed to the Welcome Reception in the Exhibition area

Sunday, June 3

18:30 - 21:00 hours
Exhibition area

Opening of the Trade Exhibition and Welcome Reception

The welcome reception will be held at the Exhibition area. The reception will permit the delegates to meet old friends and colleagues and make new acquaintances during the evening while enjoying conversations.

ISBT Run

Monday, June 4

06:30 - 07:30

MTCC, South building entrance

All delegates are invited to join us for the ISBT Run, departing from and returning to the congress venue (MTCC, South building entrance). In case you have not pre-registered to participate in the ISBT Run, please come see us at the Service desk in the registration area and receive your running shirt!



Congress Party

Wednesday, June 6

19:00 - 23:00

Rebel, Polson Pier

Price: € 50 per person

Just a few short minutes out of the downtown core, Rebel is an entertainment space "bringing new life to nightlife". It is not only home to many of the famous celebrities who tour through Toronto, but also to the ISBT closing party! This event is located across the water from the convention centre and offers indoor space with a wow factor and outdoor space with iconic views of Lake Ontario and the Toronto skyline.

Three things make this celebration exciting and memorable: a menu that focuses on the diverse flavours found around Toronto's neighbourhoods, a live band that takes requests from the dance floor, and a stunning view overlooking Lake Ontario, and the colourfully lit Toronto skyline. Come together to celebrate, network, and share some good times with your fellow ISBT members as we all bid farewell to Toronto!

Busses will depart at 18:30 from MTCC, South building entrance

Busses will return to MTCC as of 21:30

Tickets can be purchased for €50 at the Service desk in the registration area.

Exhibition Booklet



Alinity | AlinIQ

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Recognizing the challenges facing healthcare and transfusion medicine, we are on a journey to deliver solutions that are personalized to your goals. Alinity s is Abbott's next-generation harmonized system purpose-built for blood and plasma screening. Together with AlinIQ, our innovative professional services and informatics enablers, Alinity s has the power to transform your operations, helping you achieve measurably better healthcare performance.

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Alinity s is CE marked and available in select markets. Alinity s is not authorized for sale in Canada. Alinity s is not cleared for use in the US. For in vitro diagnostic use only.

CHOOSE TRANSFORMATION

Exhibition Information

ISBT thanks everyone joining the exhibition, held in association with the 35th International Congress of the ISBT in Toronto, Canada. The exhibition allows you to visit different companies to discuss products and help you with business decisions, which enhances the congress experience. In the exhibition area, you will find more than 75 of the major international companies involved with transfusion technology. The booths give the companies the opportunity to showcase their products and services. It provides you, the delegate, the chance to meet the representatives of the companies face-to-face, who can share knowledge of their products and technologies with you, providing you with more insights to make informed business decisions.

Additionally, the exhibition is the perfect location to network with colleagues from around the world over coffee, tea or lunch breaks, as all refreshments will be served in the exhibition hall.

ISBT Booth

The ISBT booth is located in the centre of the exhibition area, in the middle of the charge- and recharge area, with booth number 1019. Here you can meet the staff, discover more about the Society, **become a member** and find out more about ISBT Education, formerly the Academy e-Portal.

At the booth, more information will be available about the upcoming congresses in 2019, the **29th Regional Congress of the ISBT in Basel**, Switzerland, and the **30th Regional Congress of the ISBT in Bangkok**, Thailand!

The ISBT and the Local Organising Committee of the 35th International Congress of the ISBT are grateful that the following companies are willing to support the congress:

Abbott	Inno-Train Diagnostik GmbH
Actemium NDT-P&S	IPFA, International Plasma and Fractionation Association
Angelantoni	ITL BioMedical
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CLST Austria GmbH	Ontario Regional Blood Coordinating Network (ORBCoN)
Conroy Medical AB	ONTraC: The Ontario Nurse Transfusion Coordinators Program
CSL Behring	OrSense Ltd.
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Diagast	PuriBlood - Power Membrane Co., Ltd.
Diasorin	Quotient
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Hettich	Toutenkamion
ICCBBA	
Immucor	

Visit us at
booth 204



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Visit us to learn more about our Echo Lumena™ and NEO Iris™.*

Join us for complimentary cocktails and meet our team of experts during the ISBT Welcome Reception on **June 3rd from 6:30 p.m. to 9 p.m.**

Immucor Lunch Symposium | Monday, June 4th - Room 716

Transfusion and transplantation patient safety: laboratory challenges and solutions

ANTIBODY SCREENING OPTIONS FOR PATIENTS RECEIVING MONOCLONAL ANTIBODY THERAPY WITHIN A HOSPITAL TRANSFUSION LABORATORY

Miss Julie Staves - BSc (Hons), FIBMS
Oxford University Hospitals NHS Trust.

MULTI-CENTER AND MULTI-PLATFORM COMPARISON STUDY ON ABO ANTIBODY TITRATION

Dr. Serelina Coluzzi - PhD
Azienda Ospedaliero - Universitaria policlinico Umberto I.

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*Echo Lumena and NEO Iris are not available for sale in all markets.

IMMUCOR®

RESPONDING to the CHALLENGES of RESOURCE CONSTRAINTS in TRANSFUSION DIAGNOSTICS

Speakers will address what healthcare organizations can learn from manufacturing industries, identifying the challenges facing transfusion medicine, now and in the future.

Topics will include: Anticipated demographic/testing needs, limitations of current practices/processes and potential changes in practice.

Speakers will share examples of how they have implemented workflow initiatives to improve efficiency and quality outcomes.

Monday, June 4 • 12:00 –1:30pm • Room 718A



What do cars have to do with healthcare? How to adopt and adapt lessons from manufacturing

MARK GRABAN

Author, Speaker and Coach, in Manufacturing and Healthcare



Upcoming demographic and testing challenges in the next five years

MATTHEW DAWSON

Senior Product Manager, Transfusion Medicine, Ortho Clinical Diagnostics



How a modification of workflow has impacted a dynamic hospital laboratory in today's changing environment

AARON HURST

Laboratory Supervisor Quality Systems, Newton Medical Center, Kansas



What can a workflow improvement do for you? See the UK NHSBT journey to date...

TONI JACOBS

Business partner for Continuous Improvement, UK NHS Blood and Transplant

PLEASE VISIT QUOTIENT AT ISBT BOOTH #604



QUOTIENT
The Future, Made Possible

Ortho Clinical Diagnostics

Monday, June 4

12:00 - 13:30
Room 716

Immucor

Transfusion and transplantation patient safety: laboratory challenges and solutions

- | | |
|----------------------|---|
| 12:00 - 12:15 | ENTRANCE & WELCOME |
| 12:15 - 12:30 | INTRODUCTION
By: Mrs. Alice Alexandre, Senior Director,
International Marketing Immucor |
| 12:30 - 12:50 | ANTIBODY SCREENING OPTIONS FOR
PATIENTS RECEIVING MONOCLONAL
ANTIBODY THERAPY POSSIBLE WITHIN A
HOSPITAL TRANSFUSION LABORATORY
By: Miss Julie Staves, BSc (Hons), FIBMS –
Oxford University Hospitals NHS Trust |
| 12:50 - 13:00 | Q&A |
| 13:00 - 13:20 | MULTI-CENTERS AND MULTI-PLATFORMS
COMPARISON STUDY ON ABO ANTIBODY
TITRATION
By: Dr. Serelina Coluzzi, MD – Azienda
Ospedaliero-Universitaria policinico
Umbertol – Sapienza, Roma |
| 13:20 - 13:30 | Q&A |

Monday, June 4

12:00 - 13:30
Room 718A

Quotient

Responding to the challenges of resource constraints in transfusion diagnostics

- 12:10 - 12:25** WHAT DO CARS HAVE TO DO WITH HEALTHCARE? - HOW TO ADOPT AND ADAPT LESSONS FROM MANUFACTURING.
Mark Graban
- 12:25 - 12:35** UPCOMING DEMOGRAPHIC AND TESTING CHALLENGES IN THE NEXT 5 YEARS.
Matt Dawson
- 12:35 - 12:50** HOW A MODIFICATION OF WORKFLOW APPROACH HAS IMPACTED A DYNAMIC HOSPITAL LABORATORY IN TODAY'S CHANGING ENVIRONMENT.
Aaron Hurst
- 12:50 - 13:10** WHAT CAN A WORKFLOW IMPROVEMENT DO FOR YOU? – See the NHS BT Journey to date...
Toni Jacobs

Monday, June 4

12:00 - 13:30
Room 718B

Abbott

Achieving Measurably Better Healthcare Performance with the New Alinity s Solution

Chair: Christian Fischer, M.D, Senior Medical Director (Abbott)

ENABLING HEALTHIER BLOOD AND PLASMA SERVICE WITH ALINITY S INNOVATIONS (30MN)

ALINITY S ASSAYS ROBUSTNESS TO BIOTIN INTERFERENCE
By: Guillermo Orjuela, Scientific Affairs (Abbott)

ENHANCING THE SCREENING LABORATORY WITH CGMP AND PIONEERING ENGINEERING

By: Brad Weston, Director R&D (Abbott)

IMPLEMENTING ALINITY S IN A HIGHLY DEMANDING SCREENING LABORATORY (30MN)

By: Anton van Weert, Ph.D., (Sanquin Netherlands)

Tuesday, June 5

12:00 - 13:30
Room 716

Roche

Experience the future: Innovations in efficiency and preparedness

- | | |
|----------------------|--|
| 12:15 - 12:20 | WELCOME AND INTRODUCTION
Graham Sher, MD
Canadian Blood Services |
| 12:20 - 12:40 | THE LABORATORY OF THE FUTURE
Michael Schmidt, MD
German Red Cross
Institute of Transfusion Medicine and
Immunohematology, Frankfurt |
| 12:40 - 13:00 | To be announced |
| 13:00 - 13:20 | ASSAY DEVELOPMENT: PREPARING FOR
THE NEXT TRANSFUSION-TRANSMITTED
INFECTIOUS DISEASE
Marc Lütgehetmann, University Hamburg -
Eppendorf
Center for Diagnostics, Institute of Medical
Microbiology, Virology and Hygiene |
| 13:20 - 13:30 | Panel Q&A |

Tuesday, June 5

12:00 - 13:30
Room 718A

Cerus

Pathogen Inactivation Around the World – Setting the Standard for Blood Safety

INTRODUCTION

By: Dr. Larry Corash MD, Chief Scientific Officer, Cerus

EUROPE: NATION-WIDE IMPLEMENTATION AND OVER SEVEN YEARS OF EXPERIENCE WITH INTERCEPT PLATELETS IN SWITZERLAND

By: Dr. Behrouz Mansouri Taleghani PD Dr. med. Leitender Arzt, Bereichsleiter Transfusionsmedizin und Therapeutische Hämapherese, Vorsitzender Transfusionskommission Insel Gruppe

INSELSPIITAL, Universitätsspital Bern, Universitätsklinik für Hämatologie und Hämatologisches, Zentrallabor, Bereich Transfusionsmedizin

LATIN AMERICA: ENSURING BLOOD AVAILABILITY AND PROTECTING PATIENTS FROM ARBOVIRUSES IN BRAZIL

By: Dr. Sylvano Wendel, MD, PhD, Medical Director - Blood Bank, Hospital Sirio Libanês

NORTH AMERICA: A US HOSPITALS' PERSPECTIVE ON THE ROUTINE USE OF AND CLINICAL IMPACT WITH PATHOGEN INACTIVATION

By: Mary P. Berg, M.D.

Medical Director, Transfusion Services

Associate Professor of Pathology

University of Colorado Anschutz Medical Campus, Department of Pathology

Tuesday, June 5

12:00 - 13:30
Room 718B

Macopharma

Theraflex UV-Plateles: “A Clinical Update”

12:15 - 12:35 THERAFLEX UV-PLATELETS: MECHANISM
OF ACTION, SPECIFICATIONS AND
STERILITY STUDIES

By: Axel Seltsam

12:35 - 12:55 THE PHASE III CAPTURE TRIAL: ROUTINE
USE IN THE BLOOD BANK OF FRANKFURT

By: Veronika Brixner

12:55 - 13:15 REVIEW ON THE INACTIVATION OF
ARBOVIRUSES WITH THERAFLEX

By: Denese Marks



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 **Australian Red Cross
BLOOD SERVICE**

Exhibitors

609 - Abbott

100 Abbott Park Road Bldg. CP 1-5
IL 60064
Abbott Park
United States

Contact: Jessica Masuga
E: jessica.masuga@abbott.com
<https://www.transfusion.abbott>

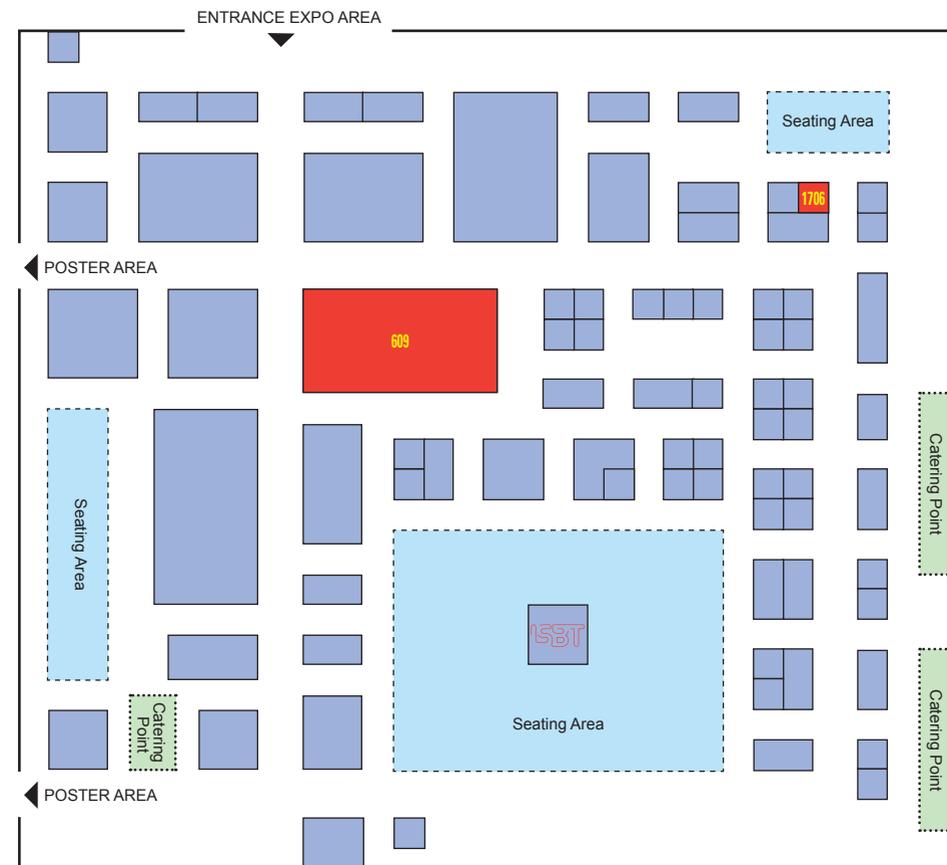
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1706 - Actemium NDT-P&S

ZAE de la Tremblaine - Rue de la Mare aux Joncs - CS41007
91220
Le Plessis-Pate
France

Contact: Nicolas Leger
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E: nicolas.leger@actemium.com / ndt-pes@actemium.com
<https://www.cegelec-ndt-pes.com>

Actemium NDT-P&S presents the BloodXrad, an X-ray blood irradiator for bloodbags and biological products. This X-ray solution is an efficient and safe alternative to isotope devices as it provides the same performances and reliability as Cesium-137 irradiators. The BloodXrad is unique in the world for its performance in the homogeneity of distribution of the defined dose, which is the guarantee of safety and security for the transfused people.



620 - Angelantoni

Loc. Cimacolle, 464
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Massa Martana
Italy

Contact: Mr. Giorgio Citarei
T: +39.075.89551
E: biomedical@angelantoni.it
<https://www.angelantonilifescience.it>

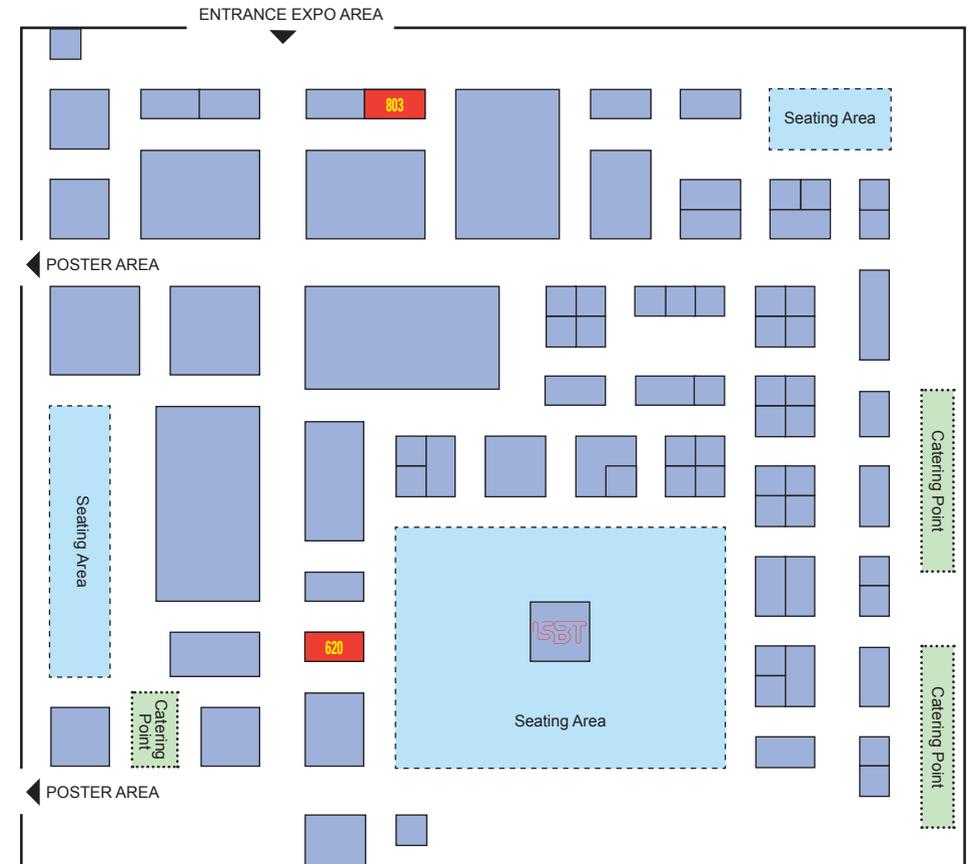
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803 - Asahi Kasei

1-105 Kanda Jinbocho
Chiyoda-ku
Tokyo 101-8101
Japan

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E: ocada.mb@om.asahi-kasei.co.jp
<https://www.asahikasei-medical.com>

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1622 - Ashland LLC

1005 Route 202/206
08807
Bridgewater, NJ
USA

Contact: Rosemarie Fairman
T: +1 908.243.4766
E: rfairman@ashland.com
<https://www.ashland.com/radsure>

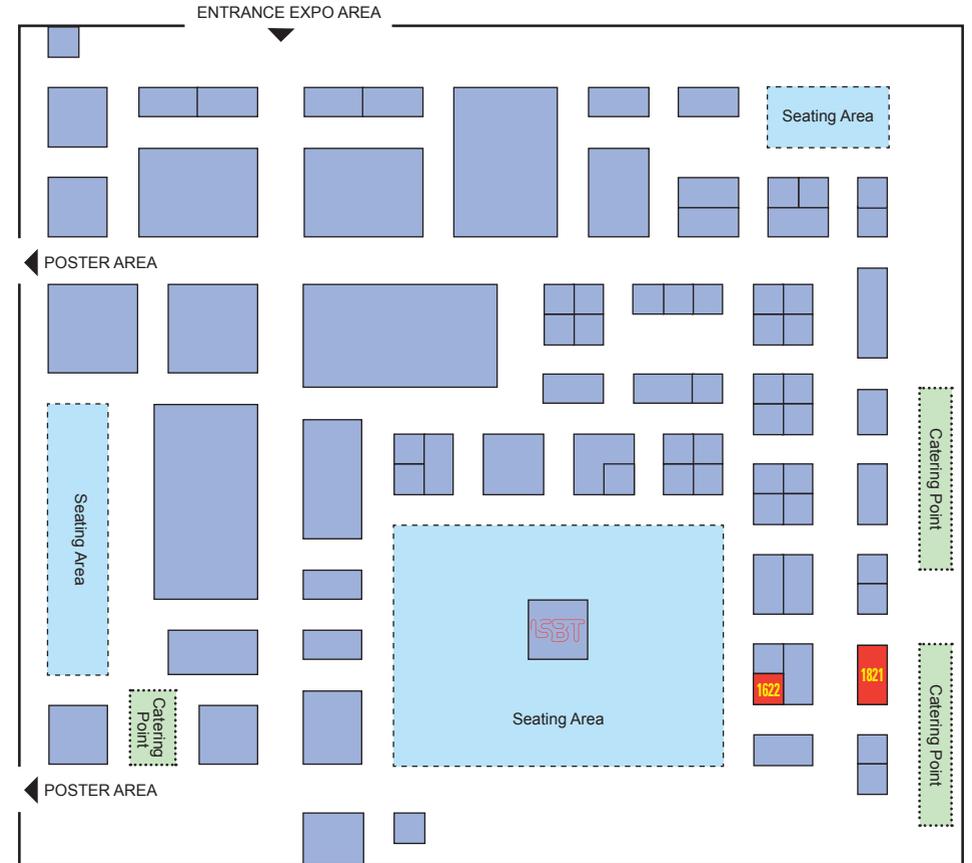
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1821 - Australian Red Cross Blood Service

301 Pirie Street,
SA 5000
Adelaide
Australia

Contact: Transfusion Learning
T: +61 (08) 8112 1303
E: transfusionlearning@redcrossblood.org.au
<https://www.transfusion.com.au>

The Australian Red Cross Blood Service - entrusted with the supply of Australia's blood - delivers world-class research and provides expertise in diagnostic, transplantation and other clinical services. As part of the Blood Service, Transfusion Policy and Education is proud to be launching the iTransfuse App at ISBT Toronto which has been designed to support bedside transfusion practice. This innovative app will complement the existing comprehensive range of resources for everything you need to know about blood and transfusion at any stage of career. Download the app at the App Store or Google Play - and visit us at Booth 1821 to find out more.



627 - B Medical Systems

17, op der Hei
9809
Hosingen
Luxembourg

Contact: Silvia Pereira
T: +352 92 07 31 281
E: info@bmedicalsistemas.com
<https://www.bmedicalsistemas.com>

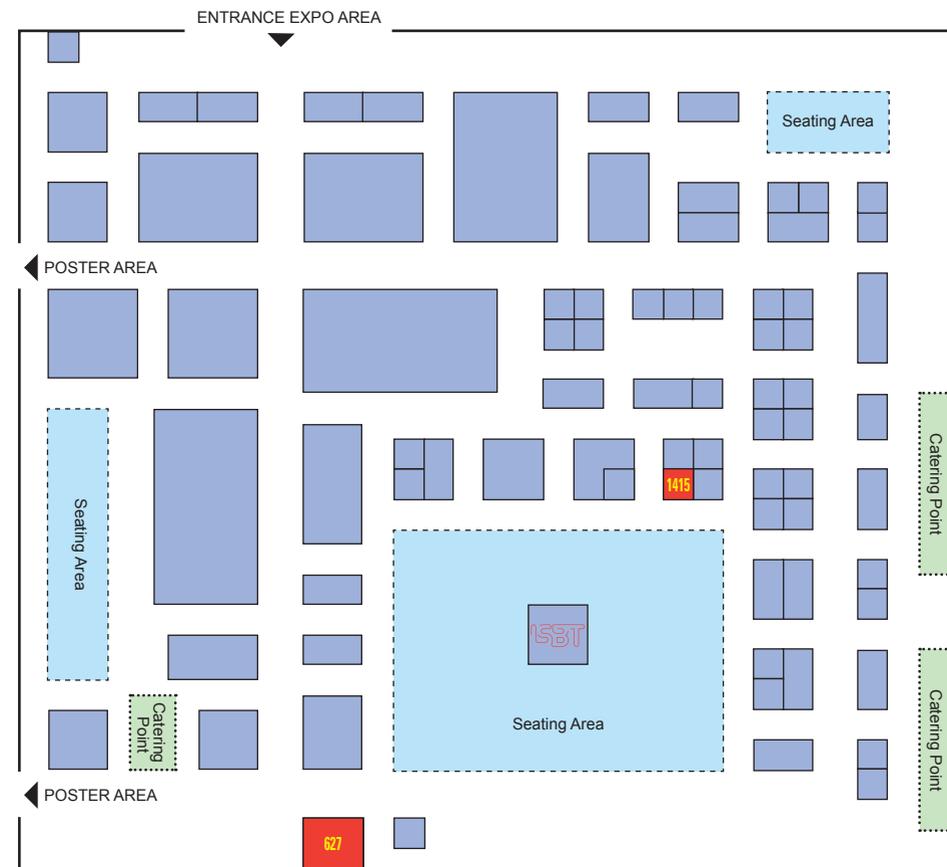
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1415 - Barkey GmbH & Co. KG

Gewerbestrasse 8
33818
Leopoldshoehe
Germany

Contact: Mr. Daniel Kemmerling
T: +49 (0) 5202 - 9801-0
E: info@barkey.de
<https://www.barkey.de>

Barkey is a globally active manufacturer located in Bielefeld, Germany. We are specialists for medical equipment with a focus on warming devices. Our portfolio contains devices for dry thawing and warming of plasma (FFP), blood and stem cells respectively as well as blood/ infusion warmers. Barkey exports into more than 60 countries. Our devices are applied in blood banks (BB), departments for anesthesia, intensive care units (ICU), operation theater (OT) and recovery rooms.



1818 - Best Theratronics Ltd.

413 March Road
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Canada

Contact: Clemens Schroder
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<http://www.theratronics.ca/>

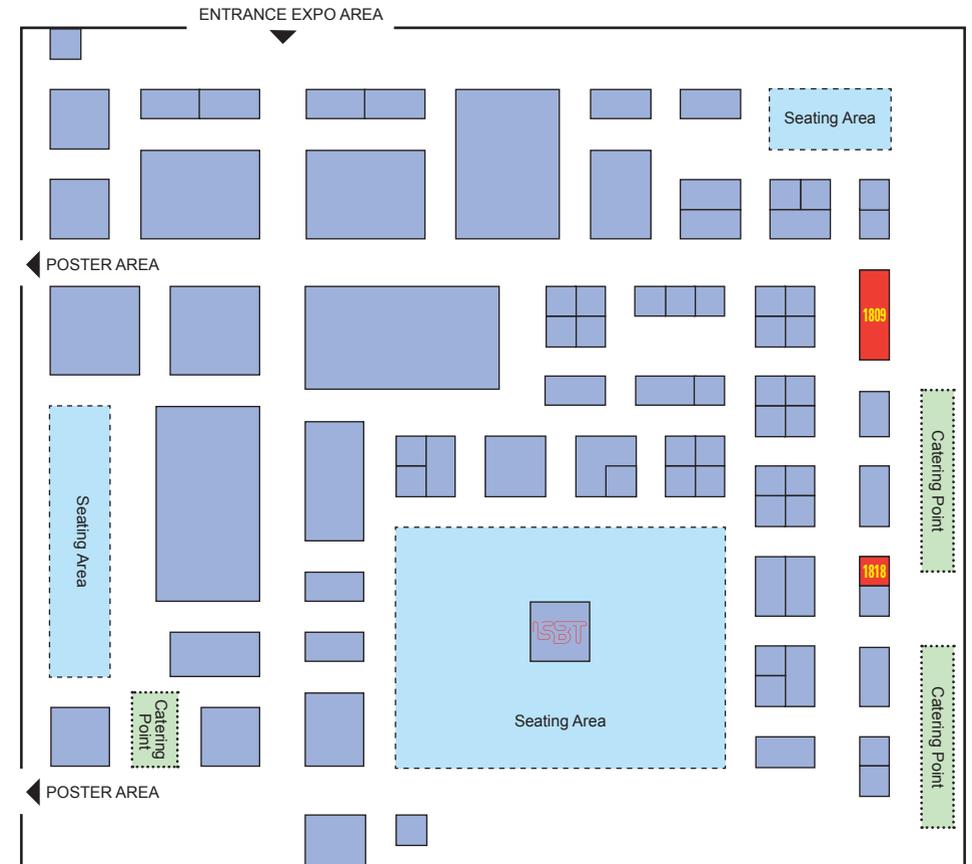
Best Theratronics Ltd. is a Canadian component of TeamBest®. We manufacture external beam therapy units and self-contained blood irradiators. The TeamBest® group of companies brings with it a diverse range of knowledge from around the world that ensures customers will always have a clear and accurate answer. TeamBest® is driven by one primary goal - to provide the best products and services to customers.

1809 - Biolog-ID

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E: guillaume.desaintmartin@biolog-id.com
<https://www.biolog-id.com>

Biolog-ID is known as the expert in IoT / RFID Blood Supply Management Solution. By adding an RFID tag to each blood product, providing SST smart shelving storage kits and equipments as well as easy to use software solutions, we enable transfusion centers and hospitals to effectively monitor/manage blood supply from donation all the way to the patient. As such, we connect healthcare professionals to the information they need most, while helping them improve traceability, safety, and security very efficiently.



1406 - bioMérieux

Chemin de l'Orme
69280
Marcy L'Etoile
FRANCE

Contact: Virginie Le Coent
T: +33 (0) 7 62 75 10 11
E: virginie.lecoent@biomerieux.com
<https://www.biomerieux.com>

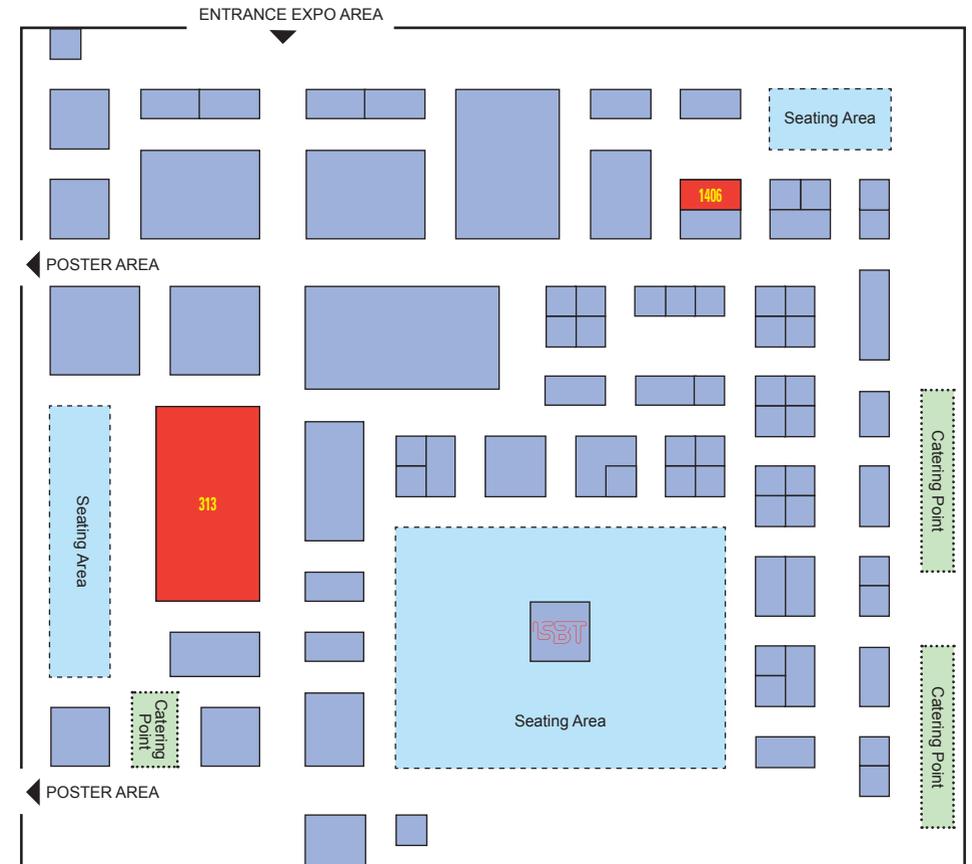
A world leader in the field of in vitro diagnostics for over 50 years, bioMérieux is present in more than 150 countries through 42 subsidiaries and a large network of distributors. bioMérieux provides diagnostic solutions (systems, reagents, software) which determine the source of disease and contamination to improve patient health and ensure consumer safety. Its products are mainly used for diagnosing infectious diseases. They are also used for detecting microorganisms in agri-food, pharmaceutical and cosmetic products.

313 - Bio-Rad Laboratories, Inc.

1000 Alfred Nobel Drive
CA 94547
Hercules
USA

Contact: Tina Cuccia
T: 510-741-6063
E: tina_cuccia@bio-rad.com
<https://www.bio-rad.com>

Bio-Rad Laboratories, Inc. develops, manufactures, sells, and supports a large portfolio of products for medical screening and diagnostics. Bio-Rad is a leading specialty diagnostics company and its products are recognized as the gold standard for diabetes monitoring and quality control systems. The group is also well known for its blood virus testing and detection, blood typing, autoimmune and genetic disorders testing, and internet-based software products. Bio-Rad's clinical diagnostics products incorporate a broad range of technologies used to detect, identify, and quantify substances in bodily fluids and tissues. The results are used as aids to support medical diagnosis, detection, evaluation, and the monitoring and treatment of diseases and other medical conditions.



1615 - BloodHub

10645 N Tatum Blvd Ste 200-667
85028
Phoenix, AZ
USA

Contact: Susanne Logan
T: 602-753-7799
E: info@bloodhub.com
https://www.bloodhub.com

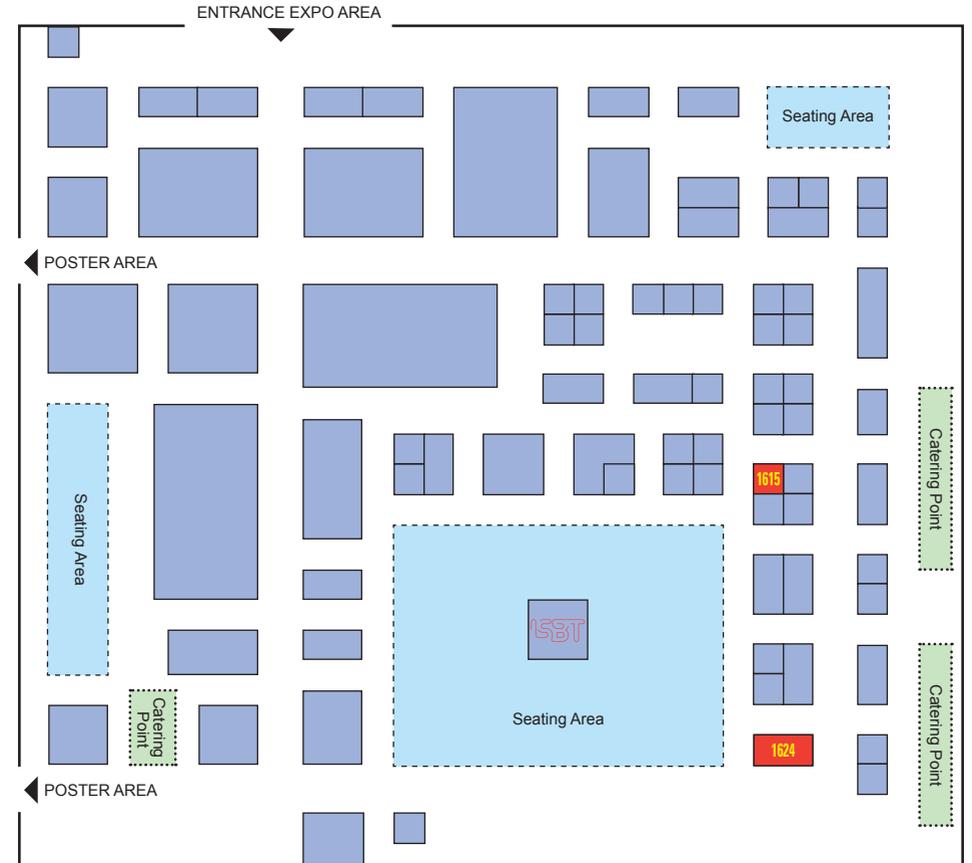
BloodHub is the global market leader in Hospital Service Excellence. Eliminate all paper, manual processes and T: calls to improve accountability, transparency and lower costs. Hospitals and blood suppliers benefit from fewer errors, greater productivity and data-driven insights. BloodHub has it all: order management, inventory control, production planning, logistics and billing. Let's meet!

1624 - Canadian Blood Services

1800 Alta Vista Drive
K1G 4J5
Ottawa, Ontario
Canada

Contact: Jenny Ryan
T: 1-877-709-7773
E: media@blood.ca
https://www.blood.ca

Canadian Blood Services manages the national supply of blood, blood products, stem cells and related services for all of the provinces and territories (excluding Quebec). We also play a leadership role in organ and tissue donation and transplantation. We are regulated as a biologics manufacturer by Health Canada and primarily funded by the provincial and territorial ministries of health. Our dedicated research team and extended network of partners collaborate to create new knowledge, inform and enhance best practices, and contribute to the development of new services and technologies.



815 - Canadian Society For Transfusion Medicine (CSTM)

20 Crown Steel Drive, Unit 6
L3R 9X9
Markham ON
Canada

Contact: Ann Wilson
T: 905-415-3917 Toll-free: 1-855-415-3917
E: office@transfusion.ca / cstm@secretariatcentral.ca
<https://www.transfusion.ca>

The Canadian Society for Transfusion Medicine is an inter-professional organization that promotes excellence in Transfusion Medicine for Canadians.

Our Vision :

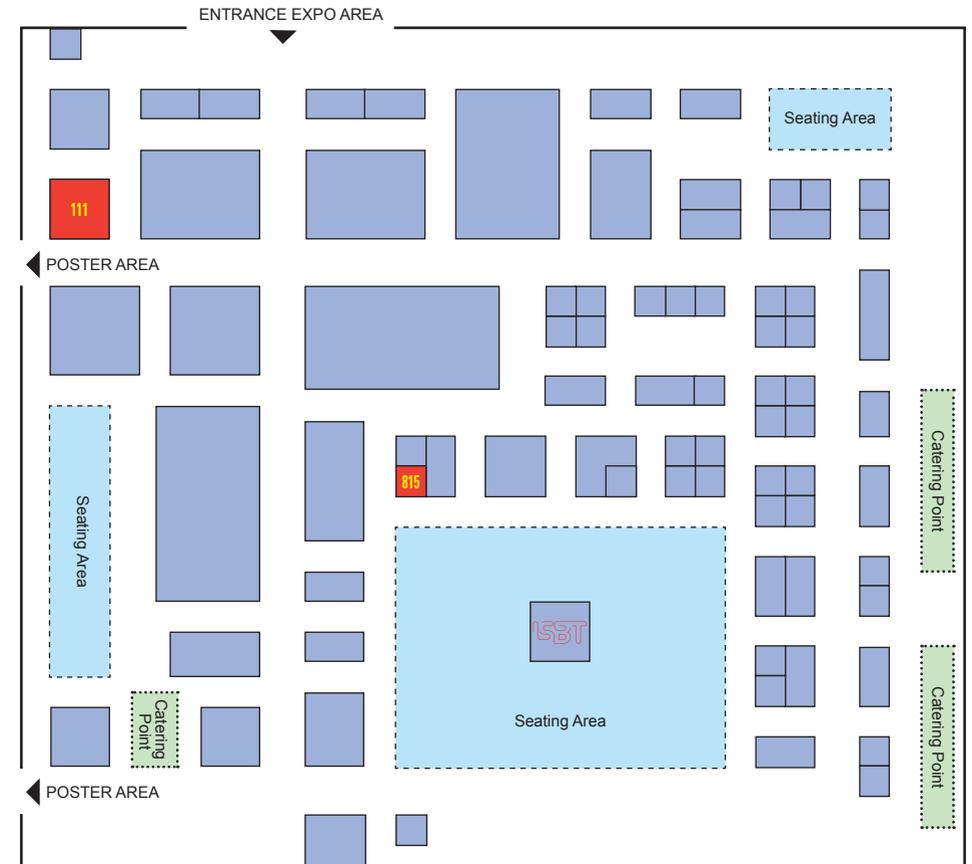
- To inspire and promote safe transfusion practices
- To be the leaders in the continuing development of standards for hospital transfusion services
- To facilitate opportunities for education in transfusion medicine
- To cultivate regional, national and international partnerships with key stakeholders
- To assist in the advancement of knowledge and services in developing countries

111 - Cerus Europe BV

Stationsstraat 79-D
3811 BT Amersfoort
The Netherlands

<http://interceptbloodsystem.com>
T: 011 31 33 496 06 00

Cerus Corporation is a biomedical products company focused in the field of blood transfusion safety. The INTERCEPT Blood System is designed to reduce the risk of transfusion-transmitted infections by inactivating a broad range of pathogens such as viruses, bacteria and parasites that may be present in donated blood. Cerus currently markets and sells the INTERCEPT Blood System for both platelets and plasma in the United States, Europe, the Commonwealth of Independent States, the Middle East and selected countries in other regions around the world. The INTERCEPT Red Blood Cell system is in clinical development.



1715 - Changchun Bioxun Biotech Co., Ltd.

No.285 Xipu Road, North of Gaoxin District
130000
Changchun
China

Contact: Xinyue Wei
T: +86 431 8181 6870
E: weixinyue@bioxun.com
<http://www.bioxun.com/>

As a corporate champion of China's blood transfusion industry, Bioxun upholds the concept of "Manufacturing reliable products with chariness, protecting the safety of blood transfusion through sincere service." and serves the benefit of people.

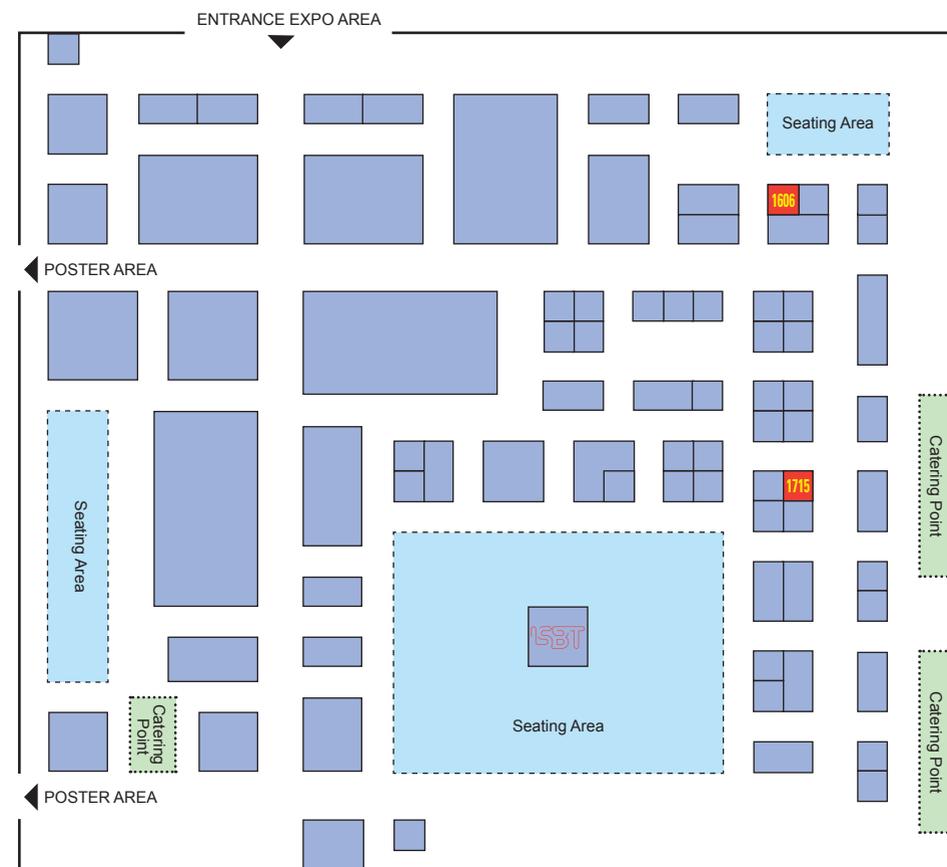
1606 - CLST Austria GmbH

Wirtschaftspark 5,
9130 Poggersdorf
Austria

Contact: Bianca Giju
T: +43 664 2446136
E: bianca.giju@clst-austria.com
www.clst-austria.com

Providing customized and high grade solutions for freezing and storage of biological materials. Our main focus is on blood plasma, tissue samples and stem cells. We offer following solutions:

- Tissue banks
- KLS - modular storage systems. Permanent documentation of storage parameters. Temperature range: +4°C to -160°C. We use liquid nitrogen as coolant.
- Automated robotic retrieval systems for stored samples
- Inventory software (chaotic storage ability) with GLP documentation and RFID
- KLF Plasma Freezer for controlled rate freezing of plasma bags down to -40°C core temperature



1109 - Conroy Medical AB

Valhallavaegen 1
194 63
Upplands Vaesby
Sweden

Contact: Nicklas Lundman
T: +46 8 594 202 50
E: info@conroy.se
http://www.conroy.se/

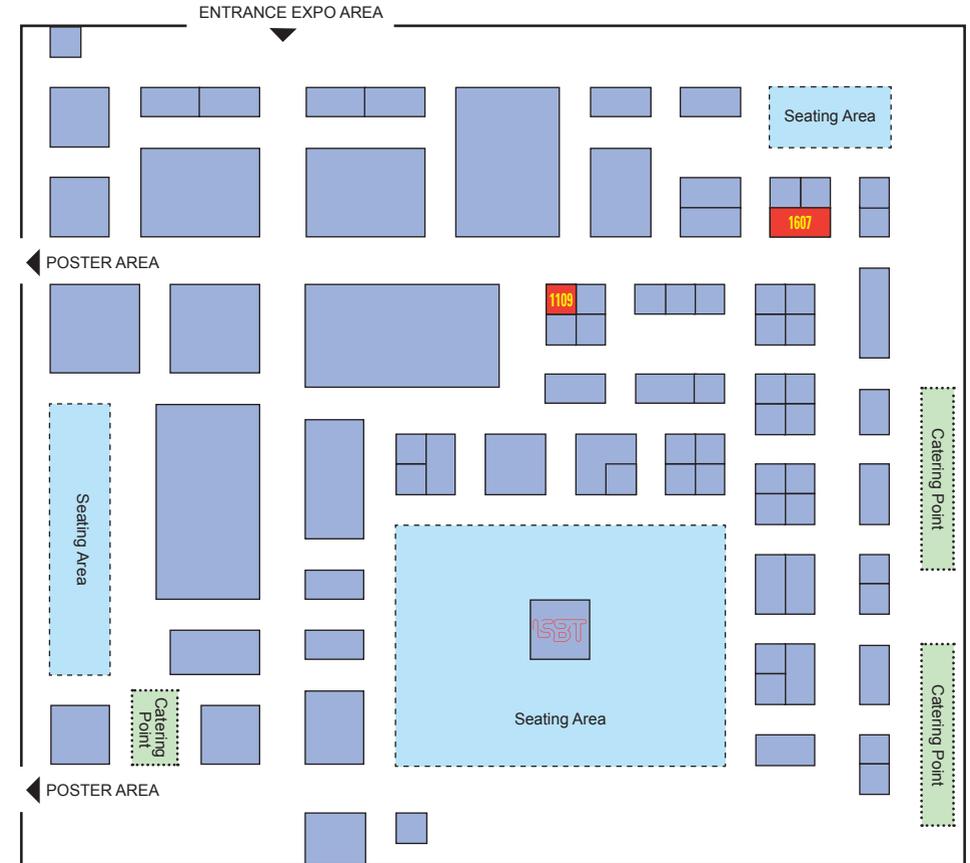
Conroy Medical, established in 1988, develops and manufactures medical equipment, primarily for use in the field of transfusion medicine. Most of our products are sealers for use on plastic bags, sets and tubing during blood component donation and preparation. We also produce sealing systems as OEM. Our instruments stand for quality, safety and ease of use. Our Qseal models cover the sealing needs from heavy duty laboratory use to mobile use. We are represented worldwide through our distributor network. Examples of customers are pharmaceutical companies, laboratories, hospitals, private clinics and charity organisations like the Red Cross and Médecins Sans Frontières.

1607 - Delcon Srl

Via Matteucci 25/27
20862
Arcore (MB)
Italy

Contact: Chiara Longoni
T: +39 039 617670
E: info@delcon.it
https://www.delcon.it

Delcon is a world player in the design and production of medical devices for blood banks, haematology and microbiology. The company can rely on a great expertise in engineering, technology, operations and creative thinking to commit to high quality standards and continuous improvement. Behind our vision there is a very simple idea: we always think about the needs of people using our devices. We believe that building high-trust relationships among employees and with stakeholders inspires creativity and possibility. That's why we foster innovation by encouraging cooperation, teamwork and trust.



1618 - Demophorius Healthcare

196 Archbishop Makarios Ave. III
3030
Lemesos
Cyprus

Contact: Sakis Papaspyrou
T: +35725749896
E: info@demophorius.com
<https://www.demophorius.com>

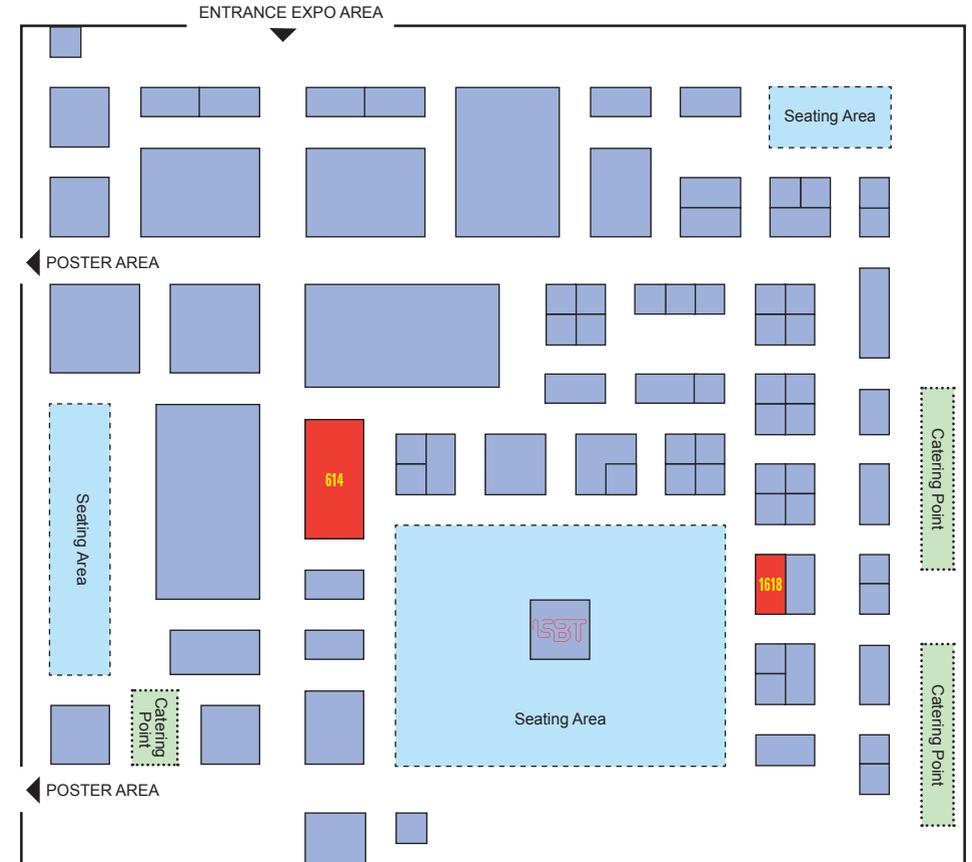
Demophorius Healthcare committed to product development, quality and reliability, Demotek blood bags are continuously upgraded to meet the new challenging demands in medical care, as well as the growing needs for safety enhancement in blood related products like the prevention of adverse effects on blood transfusion.

614 - Diagast

251, avenue Eugène Avinée
59120 LOOS
France

Contact Persons:
Dominique Plin, International Marketing and Business Director
Rajkumar Singh, Director - Marketing & Business Development
T: +33 320 96 53 53
E: communication@diagast.com
<https://www.diagast.com/>

DIAGAST is health professional's privileged partner for Immuno-Haematology testing solutions. Our company based in France designs, produces and markets tailor-made solutions in over 100 countries and offers a wide range of blood typing antibodies and reagents. As an International major player in Transfusion field with 42 proprietary clones and a high production capacity, we are constantly innovating. You already know QWALYS Evo®, our high performance blood grouping automated system and ABD PAD®, the innovative device for ABO/RH blood group confirmation in only 30' and 3 steps. During ISBT, come on booth n°614 and discover our new flagship product ONYX®.



1312 - Diasorin

Via Crescentino snc
13040
Saluggia (VC)
Italy

Contact: Daniela Bernasconi
T: +39 0161 4871
E: daniela.bernasconi@diasorin.it
<https://www.diasorin.com>

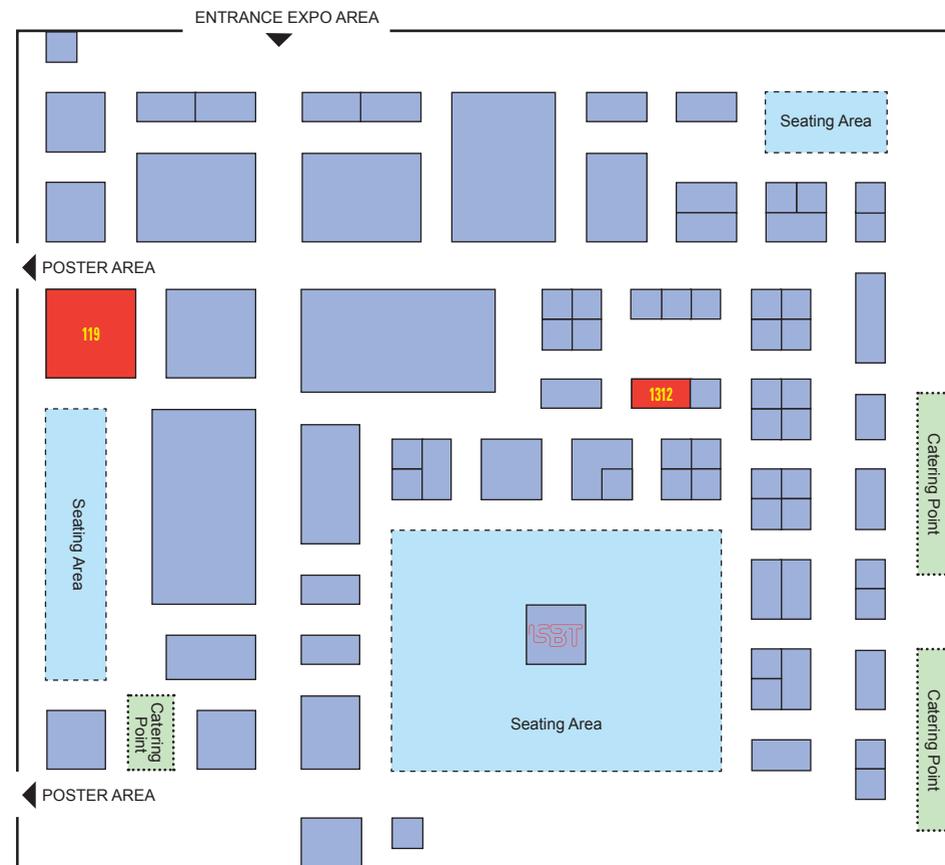
DiaSorin is an Italian multinational Group and a global leader in the market for in vitro diagnostics. For over 40 years the Group has been developing, producing and commercializing diagnostic tests for a wide range of clinical areas. DiaSorin tests are designed for hospital and private testing laboratories, in the markets of immunodiagnosics and molecular diagnostics.

119 - Fresenius Kabi

Else-Kroener-Str. 1
61352
Bad Homburg
Germany

T: +49 6172 6860
E: communication@fresenius-kabi.com
<https://www.fresenius-kabi.com>

Fresenius Kabi is a global healthcare company that specializes in lifesaving medicines and technologies for infusion, transfusion and clinical nutrition. The company's products and services are used to help care for critically and chronically ill patients. Product portfolio: I.V. generic drugs, infusion therapies and clinical nutrition products as well as the medical devices for administering these products. Within transfusion technologies, Fresenius Kabi offers products for collection and processing of blood components and for therapeutic treatment of patient blood by apheresis systems. In the field of biosimilars, Fresenius Kabi develops products with a focus on oncology and autoimmune diseases.



136 - Fujirebio

2-1-1 Nishishinjuku, Shinjuku-ku,
163-0410
Tokyo
JAPAN

Contact: Osamu Tamura
T: +81-3-6279-0801
E: osamu.tamura@miraca.com
<https://www.fujirebio.com/>

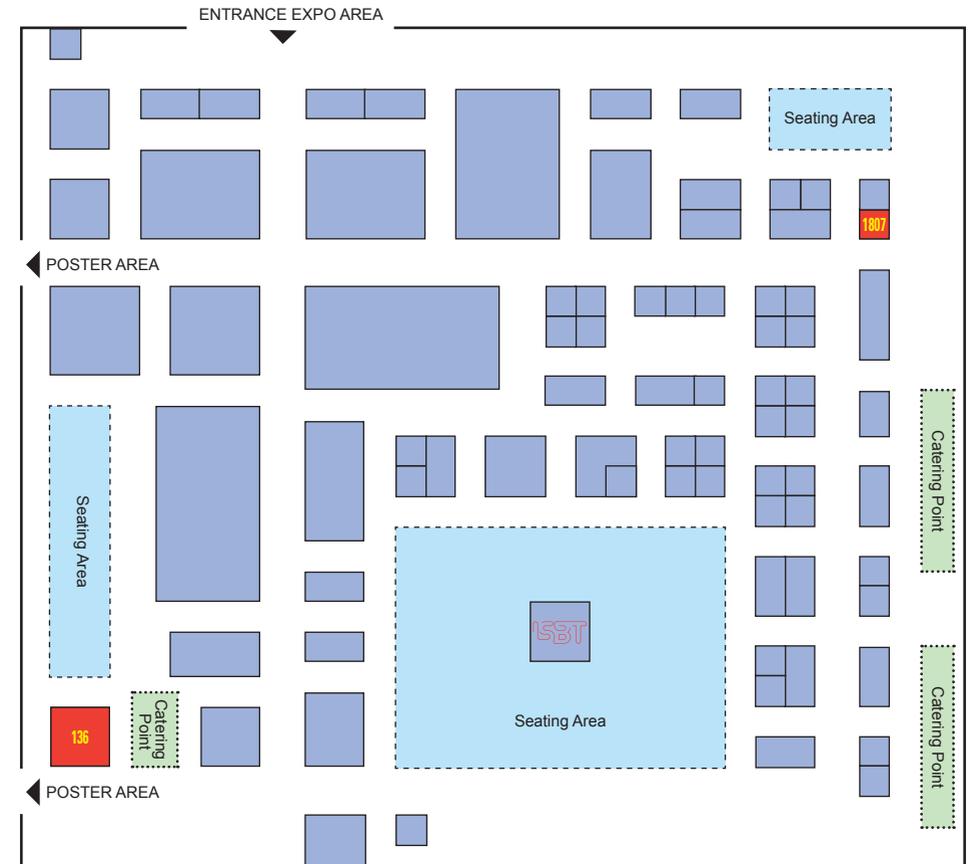
In 1950, Fujirebio Inc. was established in Japan. Subsequently, Fujirebio became a global life science company, we now supply diagnostic products to more than 100 countries worldwide. Fujirebio, a leader in the field of immunoassay, developed first fully automated high sensitivity Chemiluminescent Enzyme Immunoassay analyzer onto the market in 1992. LUMIPULSE G1200, L2400, and G600 have been installed approx. 1,300 units in Japan. We are developing immunoassay test kits for those automated systems including reagents for infectious diseases, tumour markers, and various kinds of hormone and lifestyle-related disease, which meet high clinical needs. Fujirebio has launched LUMIPULSE G series in Europe, Korea, Taiwan, China and USA market, which have been installed approx. 400 units.

1807 - Gamma-Service Medical GmbH

Bautner Str. 67
04347
Leipzig
Germany

Contact: Ingo Steiner
T: +49 172 540 81 91
E: ingo.steiner@ezag.com
<https://www.gamma-medical.de>

Gamma-Service Medical GmbH is a global acting medical technology company in the field of isotope technology. We are manufacturer of equipment like self-contained gamma irradiation devices BIOBEAM GM for blood irradiation and units for irradiation of cells or animals in research. Our quality management system is certified according to EN ISO 13485:2012 and AC:2012



1515 - GenesisBPS

Le Viez 6,
1277 Arnex-sur-Nyon
Switzerland

Contact: Harold Koeneman
T: +41 22 363 18 16
E: international@genesisbps.com
<https://www.genesisbps.com>

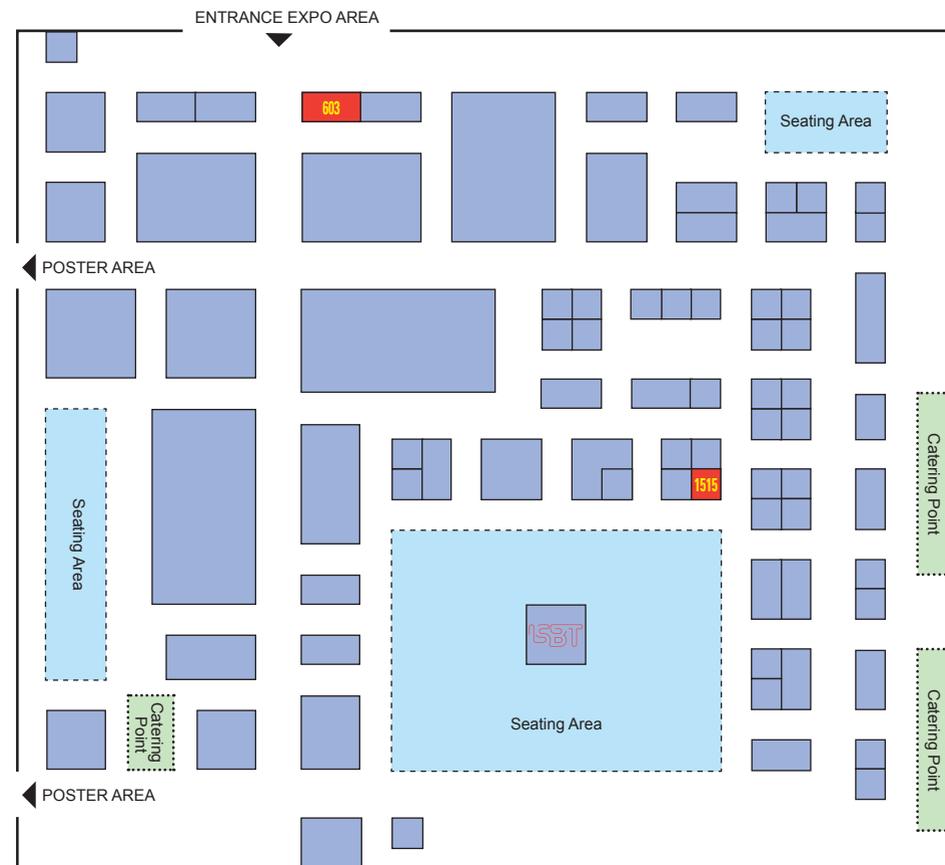
GenesisBPS meets client needs, worldwide, for the collection, processing, storage, and preparation of blood and other biological fluids. We do so by combining advanced technology, seamless automation, quality standards and operational efficiencies, working together to produce products and services of outstanding precision and reliability. GenesisBPS is positioned at the forefront of what we can do and at the leading edge of what we will do, providing ideas, solutions, and innovation to the world.

603 - GFE Blut

Altenhoferallee 3
60438
Frankfurt / Main
Germany

Contact: Dr. Ralf Bartl
T: +49 171 174 95 59
E: info@gfeblut.de
<https://www.gfeblut.de>

GFE Blut is an expert for the research, development and distribution of automated NAT diagnostics for blood donation testing. The new POET instrument offers the highest degree of automation on the smallest footprint, including pooling, archiving, extraction, and PCR analysis. Combined with the user friendly SW, the system guarantees an optimal workflow and an unparalleled user experience. Covering a broad range of virus genotypes, combined with the unique triple-target virus analytic, the GFE NAT kits have been optimized for the highest process safety and data integrity. The GFE takes special care of individual customer needs.



1110 - Gilardoni SpA

Via Arturo Gilardoni, 1
23868 Mandello del Lario (LC)
Italy

Contact: Mr. Roberto Ferron
T: +39 0341 705 241
E: ucmedicale1@gilardoni.it
<https://www.gilardoni.it>

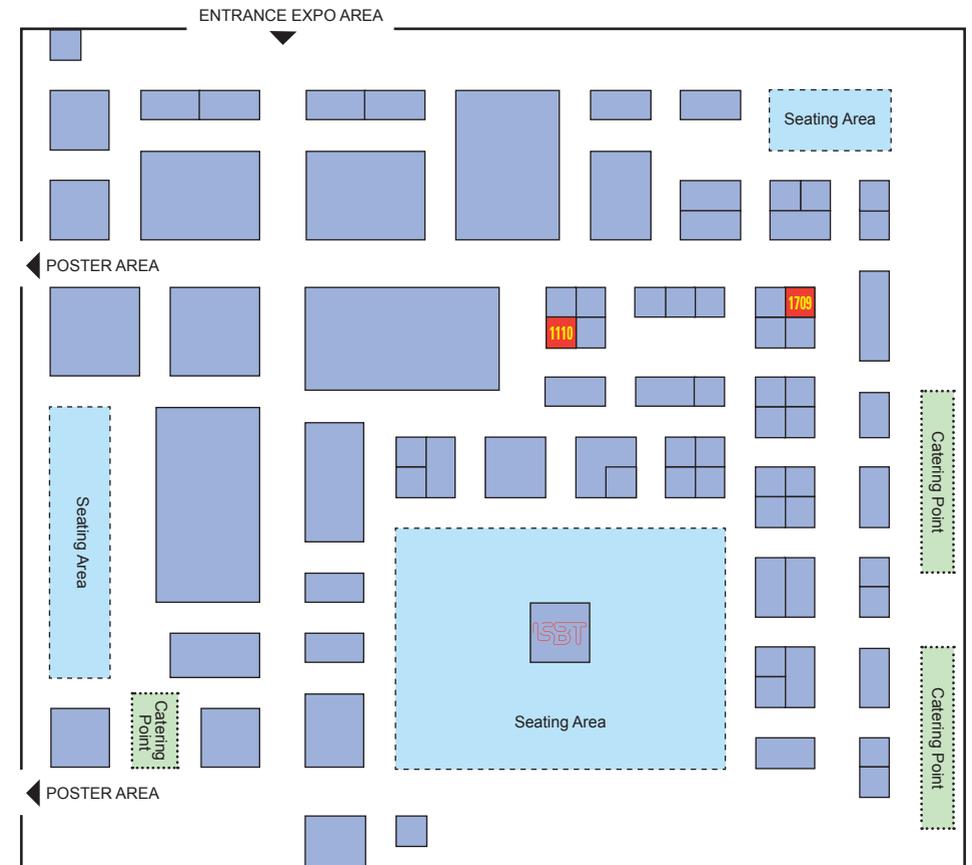
Gilardoni S.p.A. established in Italy in 1947 provides X-ray and ultrasonic products, components and services in medical, non-destructive testing and security sectors. RADGIL2 is a fast multipurpose X-ray based irradiation equipment. For blood irradiation (the aim is to eliminate the lymphocytes responsible for the TA-GvHD in immunosuppressed or otherwise at-risk patients), the unique removable rotating canister allows maximum dose homogeneity, whereas, once removed, the entire cabin volume is totally available for irradiation of cells, tissues, small animals, etc

1709 - Global Blood Fund

1001 N.Lincoln Blvd
73104
Oklahoma City
United States

Contact: Gavin Evans
T: +1 405-419-1325
E: info@globalbloodfund.org
<https://www.globalbloodfund.org>

Global Blood Fund (GBF) is a 501(c)(3) charity that for 10 years has been supporting blood services in low and middle-income countries with equipment, training, grants and other forms of assistance. GBF is partnering with ISBT at the Toronto Congress to ask delegates for a voluntary financial contribution to help fund transfusion medicine books. These will be donated to blood banking professionals with limited resources to improve knowledge and practice and so enhance safety and sufficiency. Please visit to talk about our work and support our efforts.



309 - Grifols

Avinguda de la Generalitat, 152
Parc empresarial Can Sant Joan
08174 Sant Cugat del Vallès, Barcelona
SPAIN

T: +34-93-5712200
<https://www.diagnostic.grifols.com>

An experienced and trusted partner, Grifols advances patient care with innovative diagnostic solutions that improve disease detection and management and simplify laboratory operations. Today, we empower customers with diagnostic products that span the healthcare continuum – from prevention, screening, diagnosis, and prognosis to disease and treatment monitoring. Our comprehensive transfusion medicine portfolio is designed to support safety from donation through transfusion. We also offer a growing portfolio of specialized clinical diagnostics designed to detect and monitor treatment of infectious, autoimmune, and neurodegenerative diseases.

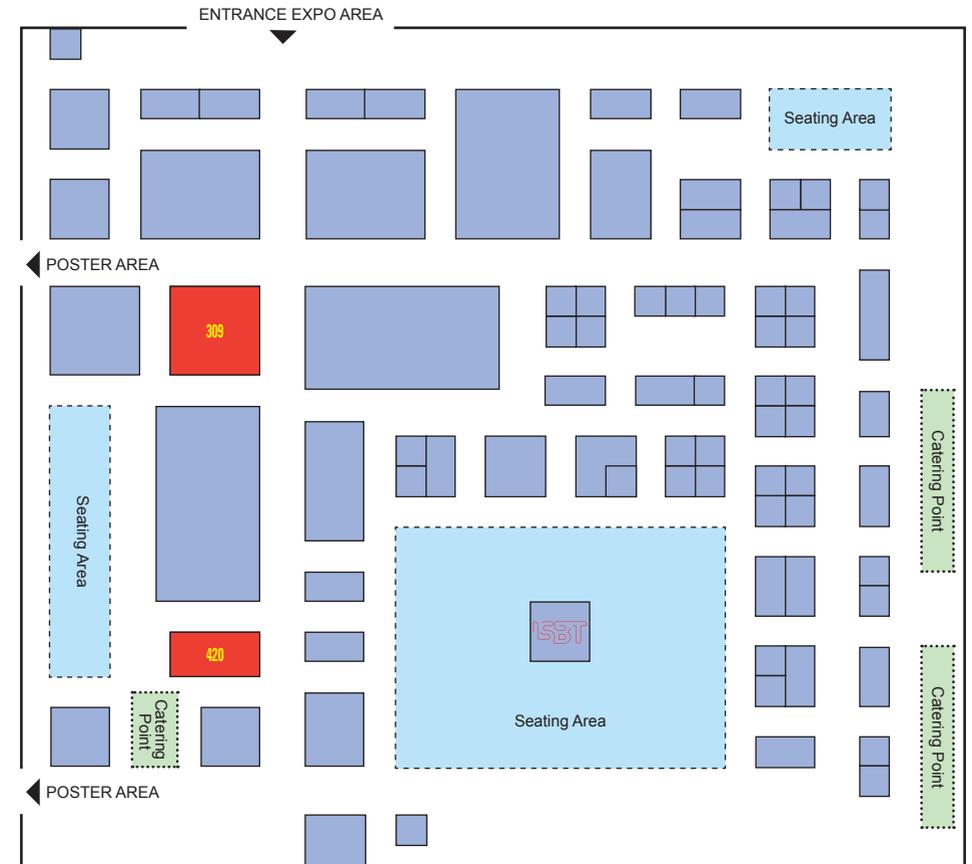
420 - Haemokinesis

16 Technology Circuit
3803
Hallam, Victoria
Australia

Contact: Vaughan Davies
T: +613 9708 6299
E: sales@haemokinesis.com
<https://www.haemokinesis.com>

Haemokinesis specializes in R&D, manufacture, distribution and support of products in Immunohaematology and allied fields. Current product range:

- STATUS1 a one minute Gel test for Forward and Reverse Group
- STARGEL10 an antibody screening method incorporating a 5 minute incubation and centrifugation
- SATELLITE Reader for STATUS1 and STARGEL10 Cards
- GEMINI Donor Accreditation analyzer series able to perform 120 Group and Screens or up to 488 Donor screens per hour
- ECLIPSE High thru-put (100+ Group and screens per hour) hospital based analyser
- GLIF a self-interpreting bioactive paper based Grouping method that can be performed anywhere.



1014 - Haemonetics

Signy Centre P.O. Box 262
1274
Signy
Switzerland

Contact: Christian Leuenberger
T: +41 22 363 90 76
E: cleuenberger@haemonetics.com
<http://www.haemonetics.com>

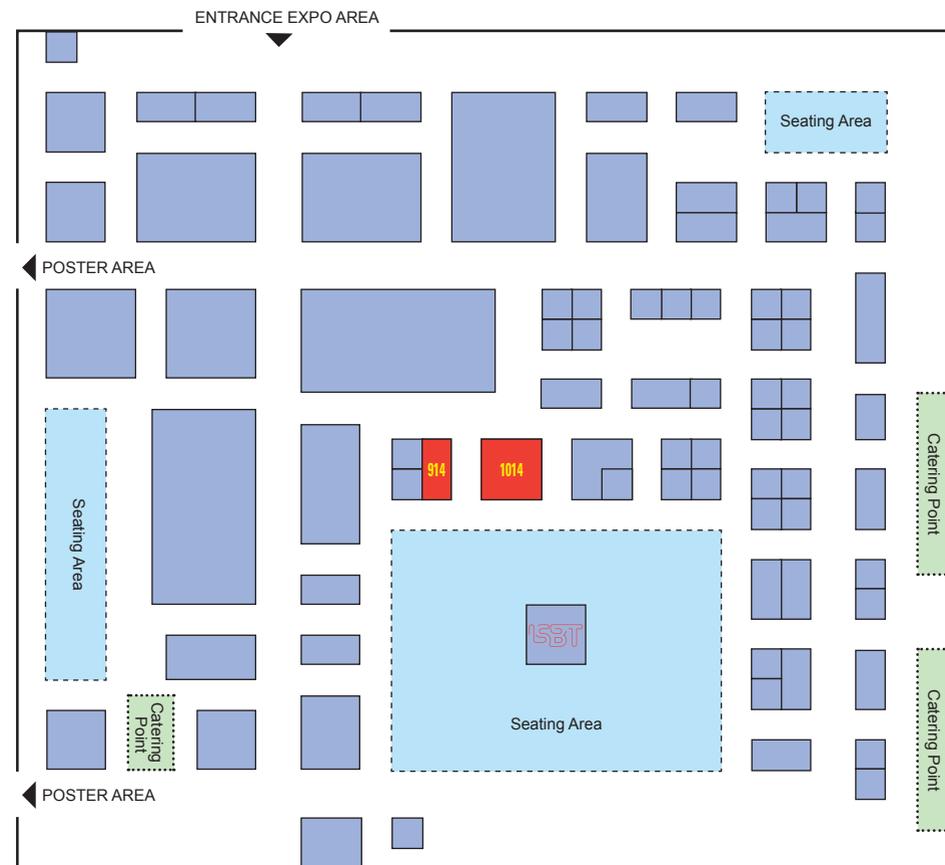
Haemonetics (NYSE: HAE) is a global healthcare company dedicated to providing innovative blood management solutions for our customers. Together, our devices and consumables, IT products, and consulting services deliver a suite of business solutions to help our customers improve clinical outcomes and reduce the cost of healthcare for blood collectors, hospitals, and patients around the world. Our technologies address important medical markets: blood and plasma component collection, the surgical suite, and hospital transfusion services. To learn more about Haemonetics visit our web site at <http://www.haemonetics.com>

914 - Helmer Scientific

14400 Bergen Blvd
46060
Noblesville, IN
USA

Contact: Richard Forero
T: 317-773-9073
E: rforero@helmerinc.com
<https://www.helmerinc.com>

Helmer Scientific is an established, entrepreneurial, growth company headquartered in Noblesville, Indiana. We design, integrate, manufacture, market, and distribute specialized medical and laboratory equipment to clinical and life science customers in over 125 countries. On display will be the newly released next generation UltraCW II Automatic Cell Washer. See this and many more products designed specifically for blood storage and processing. For more information, visit www.helmerinc.com.



1713 - Hema-Quebec

4045 Cote-Vertu Blvd.
H4R 2W7
Saint-Laurent
Canada

Contact: Mazen Dakkak
E: Mazen.Dakkak@hema-quebec.qc.ca
www.hema-quebec.qc.ca

A reliable international partner in the fields of stem cells and human tissues. Héma-Québec's mission is also to efficiently meet the needs of the Québec population for quality blood and other biological products of human origin

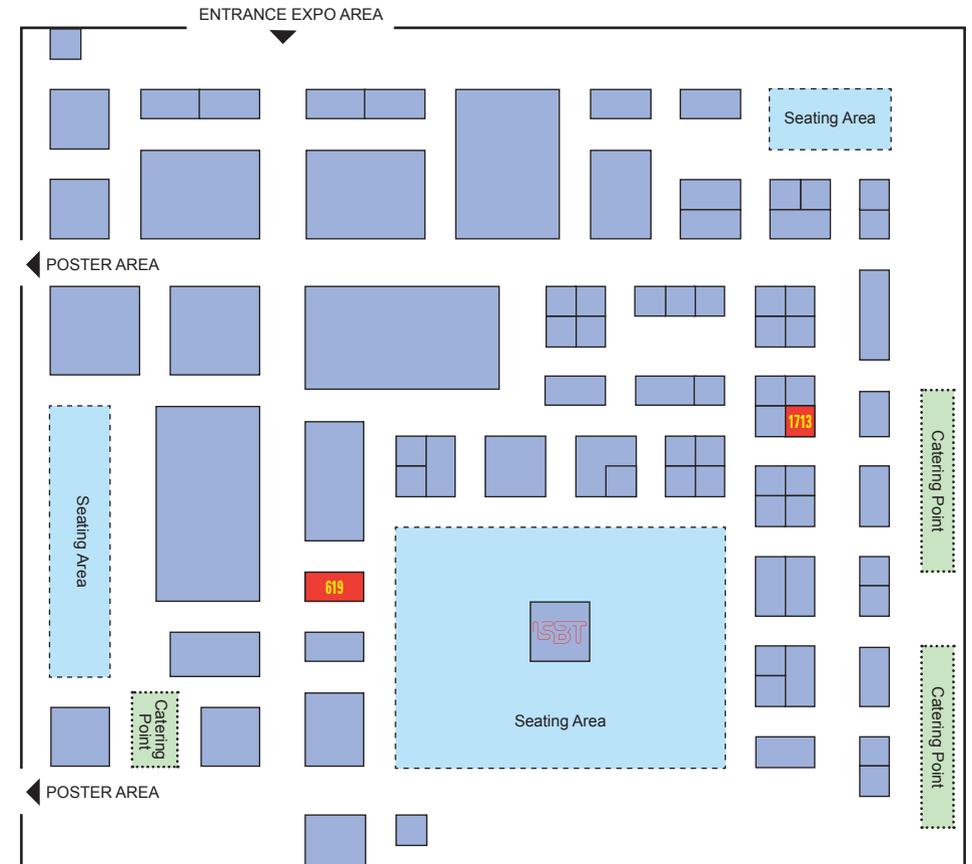
619 - Hemosoft SA

Rue des Pilettes, 1
1700
Fribourg
Switzerland

Contact: Juan bajo
T: +41-26-321.20.09
E: Juan.bajo@hemosoft.com
<https://www.hemosoft.com>

Hemosoft is an International IT Company specialized in designing, developing and implementing software solutions for Blood Donor Centers, Transfusion Services, Cell Therapy Labs and Tissue Banks. Hemosoft's Web-based software suite e-Delphyn © provides transfusion facilities with a full Arm-to-Arm traceability from Donor Recruitment and Collection to Patient Transfusion Confirmation at the bed side. It is fully compliant with ISBT 128 global standards and has been developed with Blood Bankers according to international requirements and regulations. e-Delphyn © is now deployed in more than 50 countries supporting 15 languages.

Hemosoft set up its European headquarters in Switzerland since January 2015, to better serve its European, Asian, Middle Eastern and African customers.



1404 - HemoCue AB

Box 1204
SE-262 23
Ångelholm
Sweden

Contact: Pia Åberg
T: +46 431 481200
E: info@hemocue.se
<https://www.hemocue.com>

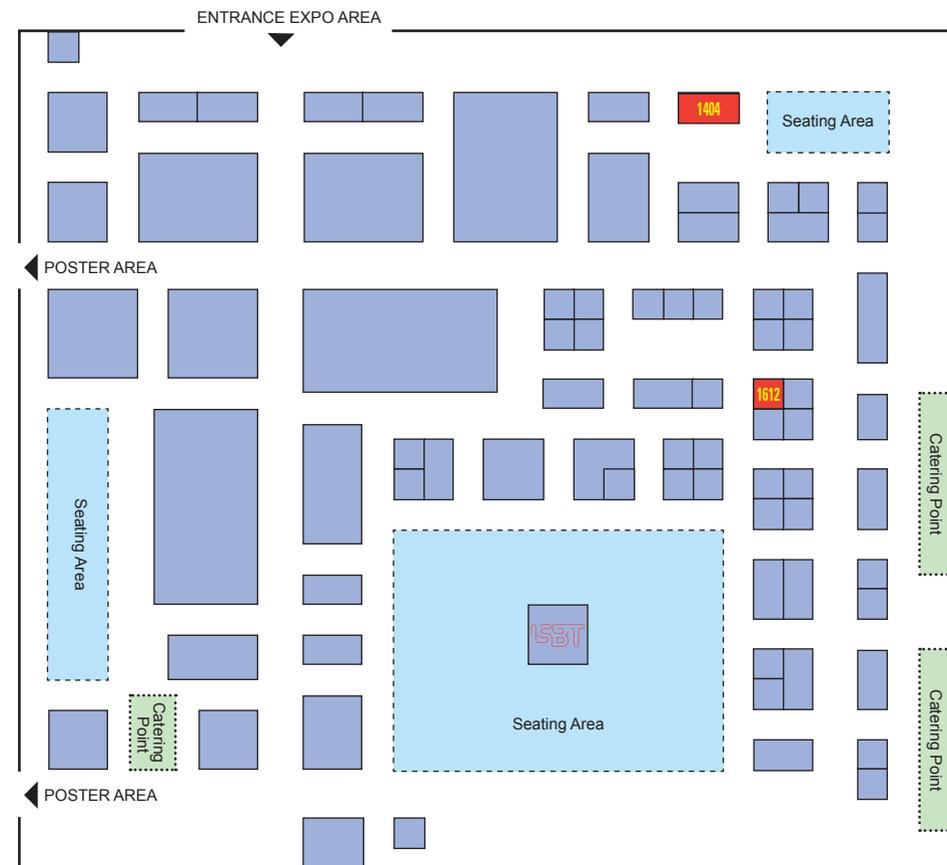
HemoCue is a global leader in a field of diagnostics known as near patient, or point-of-care, testing. In 1982, HemoCue AB, based in Ångelholm, Sweden, introduced the first system making accurate hemoglobin testing possible in near-patient settings. Since then, more than 400,000 HemoCue systems have been sold worldwide. The company also offers point-of-care tests for glucose, urine albumin, HbA1c, total and differential white blood cell count. HemoCue subsidiaries, franchises, and third-party distributors generate revenue in more than 130 countries worldwide. Since April 2013 HemoCue is part of the Radiometer Group. Additional company information is available at hemocue.com.

1612 - Hettich

100 Cummings Center, Ste 136L, Beverly MA 01915 USA
01915
Beverly
USA

Contact: Ann Chainey
T: +1 (978) 232-3957
E: info@hettweb.com
<https://www.hettweb.com>

Established in 1904, Andreas Hettich GmbH & Co. KG manufactures laboratory equipment for the modern laboratory. Specializing in centrifugation products, we offer a complete range of laboratory centrifuges, designed, engineered and manufactured in Germany.



1309 - ICCBBA

P.O. Box 11309
92423
San Bernardino
United States of America

Contact: Matt Delgado
T: +1 909 793 6516
E: iccbba@iccbba.org
<https://www.iccbba.org>

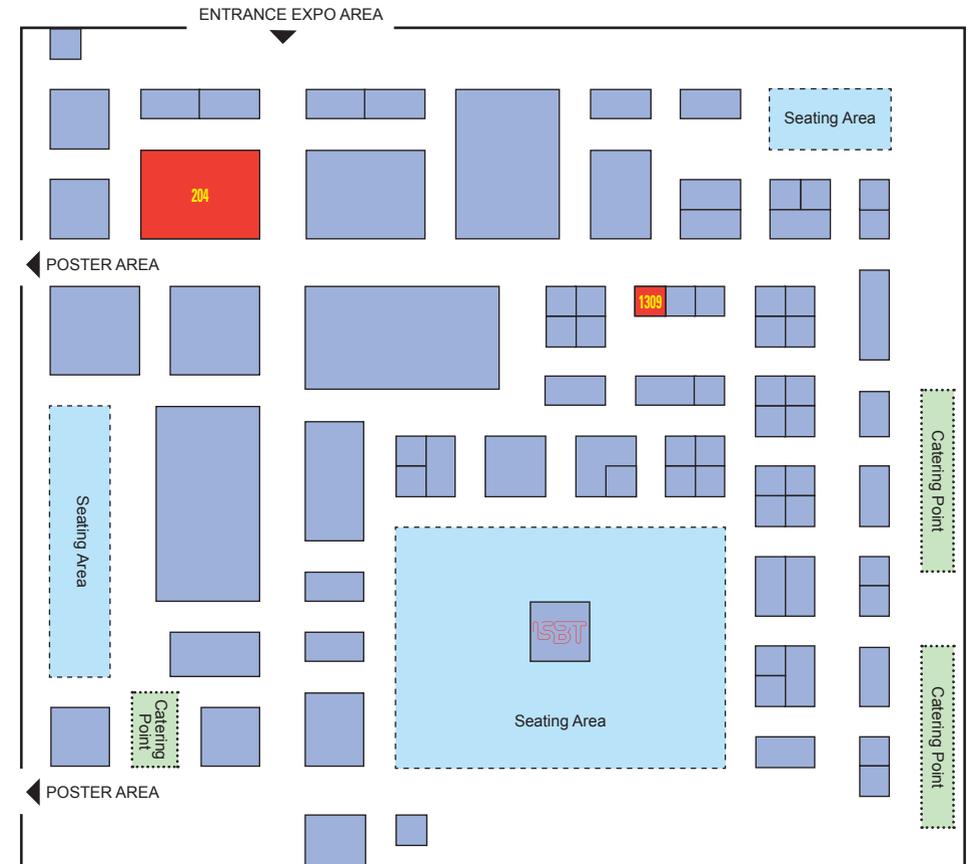
ICCBBA is the not-for-profit, nongovernmental international standards organization in official relations with the World Health Organization responsible for the management and development of the ISBT 128 Standard. Used in more than 85 countries across six continents and disparate health care systems, ISBT 128 is the global standard for the terminology, identification, coding, and labeling of medical products of human origin including blood, cell, tissue, milk, and organ products. The Standard has been designed to ensure the highest levels of accuracy, safety, and efficiency for the benefit of donors and patients worldwide.

204 - Immucor

Immucor Inc.
3130 Gateway Drive, 30071 Norcross GA
USA

Contact: Alice Alexandre
T: +33 6 78 03 62 68
E: aalexandre@immucor.com & imarketing@immucor.com
<https://www.immucor.com>

Founded in 1982, Immucor is a global leader of transfusion and transplantation diagnostics. For transfusions, Immucor offers the broadest line of serological products, including traditional and unique specialty reagents, Capture® technology, and Scalable Solutions for automating immunohematology testing. Our BioArray/PreciseType molecular immunohematology assays provide state-of-the-art technology for pre-transfusion compatibility testing. For transplants, our LIFECODES products bring a market-leading position in HLA testing for donor-patient compatibility. We are leading the way in posttransplant monitoring with our innovative kSORT assay for kidneys. Finally, our specialty diagnostic solutions for platelet transfusion testing and hemostasis provide important diagnostic information for today's modern laboratories.



403 - Inno-Train Diagnostik GmbH

Niederhöchstädter Str. 62
61476
Kronberg
Taunus

Contact: Dr. Stephan Jacobs
T: +49 (0)6173-6079-30
E: s.jacobs@inno-train.de
<https://www.inno-train.de>

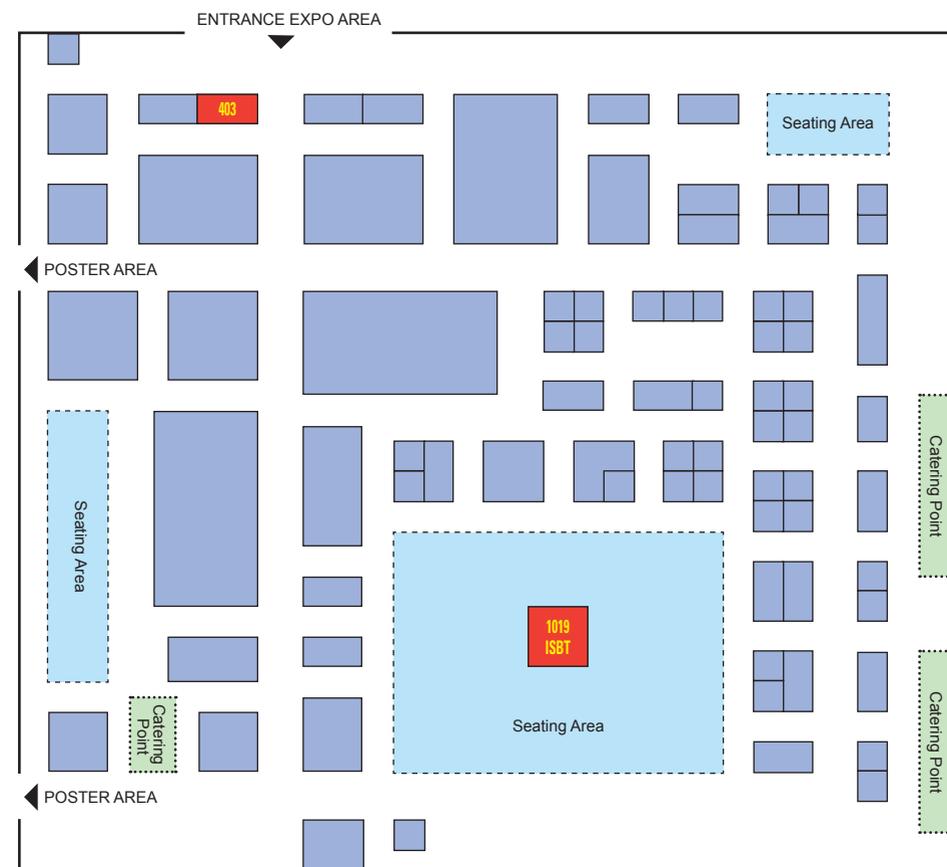
The inno-train Diagnostik GmbH is specialized in the fields of transfusion medicine and immunogenetics. As the first commercial supplier we manufacture molecular IVD test systems for blood group typings since 1998. Furthermore we offer a complete product range for HLA-typings including serological test systems, PCR-SSP and sequencing kits. With our FluoGene product line we are offering a CE marked automation for RBC-, HPA- and HLA-typings either based on fluorescent endpoint detection (with our FluoVista analyzer) or based on real-time PCR with our latest FluoQube instrument.

1019 - International Society of Blood Transfusion

Marnixstraat 317
1016 TB Amsterdam
The Netherlands

Contact: Judith Chapman
T: +3120 7601 760
E: office@isbtweb.org
<http://www.isbtweb.org/>

ISBT is the host society of this congress. The International Society of Blood Transfusion has members from over 100 countries and aims to enable members to share knowledge to enhance transfusion practice worldwide. At the ISBT booth you can meet the Central Office staff, find out more about the society, become a member, and get more information about ISBT Education, the Forum or the App. Take advantage of a photo opportunity in front of the Toronto graphic. Information on upcoming congresses in 2019 in Basel and Bangkok will be available on the booth.



1209 - IPFA, International Plasma and Fractionation Association

Plesmanlaan 125
1066 CX Amsterdam
the Netherlands

Contact: Dr Paul Strengers
T: +31 (0)20 512 3561
E: info@ipfa.nl
<https://www.ipfa.nl>

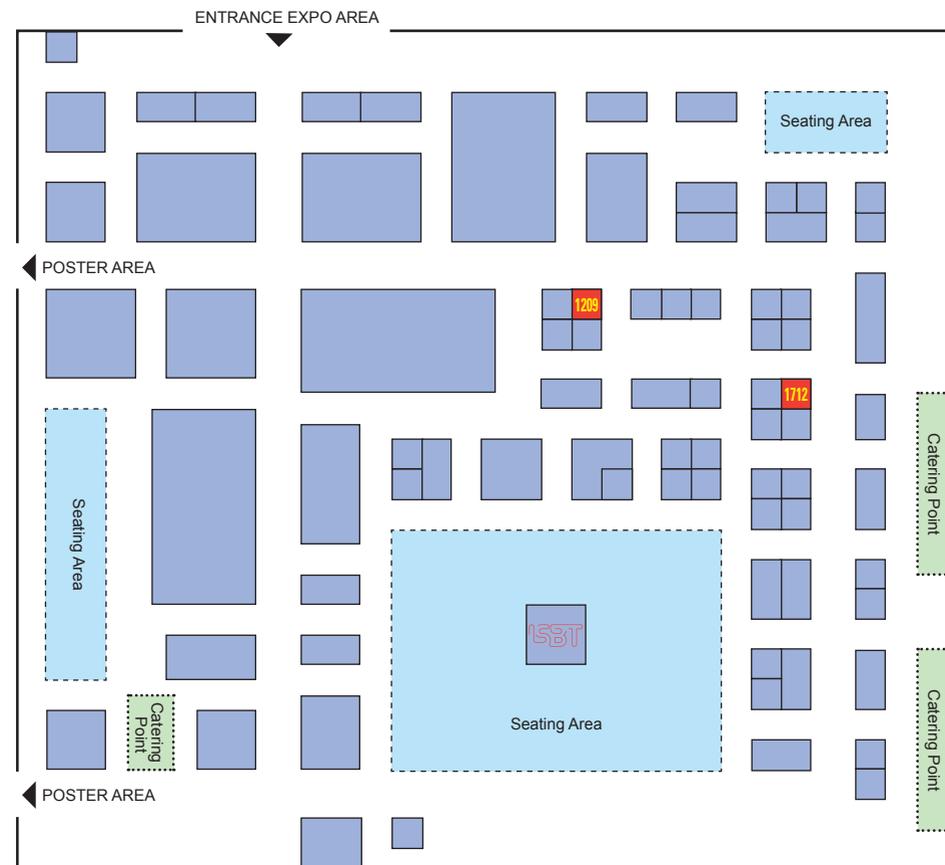
IPFA, bridging the interests of donors - collection centers - fractionation centers - patients
The International Plasma and Fractionation Association (IPFA) is the international umbrella association promoting the interests and activities of its member organisations involved in the collection of human blood and plasma, and the manufacture and supply of medicines derived from human plasma.
Plasma Derived Medicinal Products (PDMPs) are essential for the treatment of coagulation factor deficiencies such as haemophilia, immune deficiencies as well as immune system related diseases such as inflammatory and auto-immune diseases, and circulatory dysfunctions such as shock.

1712 - ITL BioMedical

11150 Sunset Hills Road, Suite 302
20190
Reston
USA

Contact: Patricia Reilly
T: +1 (703) 435-6700
E: michele.loudermilk@itlbiomedical.com
<https://www.itlbiomedical.com>

Essentials for Blood Management & Clinical Procedures
ITL BioMedical is a global provider of essential tools for blood management and clinical procedures that supports best clinical outcomes in blood banks, laboratories and clinical settings by focusing on safety and efficiency.



1112 - Jiaying Tianhe Pharmaceutical CO., LTD.

Bldg. 3#, Zhongfa Foreign Trade Industrial Zone, Fengqiao Town, Nanhu District
314008
Jiaying
China

Contact: Sandy Wu
T: +86 (0)573 82618903
E: jingru@jxtianhe.com
<https://www.jxtianhe.com>

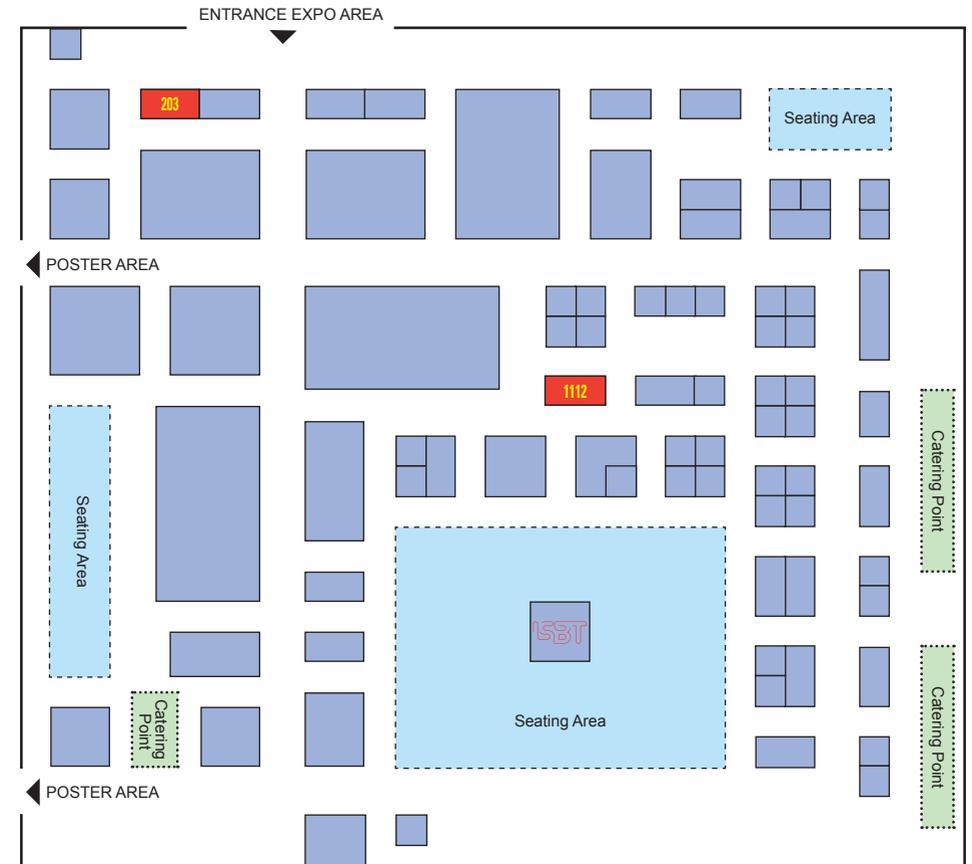
Tianhe produces a wide range of disposable plastic systems for blood transfusion. Established in China since 2004, it is working now on an average annual production capacity of 10 million systems. Tianhe is GMP, CE, ISO13485:2016 certified. Main products are standard and top & bottom blood bags, leukocyte reduction filters, cord blood bags and animal blood bags together with other specialties. Tianhe is exporting to more than 30 countries with its own brand and OEM brands like South Europe, East Europe, CIS Market, Middle East, Western Asia, Southeast Asia, Central America, South America and Africa, etc.

203 - JMSNA

12-17 Kako-machi, Naka-ku
730-8652
Hiroshima
Japan

Contact: Koji Suzuki
T: +81-82-243-5844
E: k-suzuki@jms.cc
<http://www.jms.cc/english/index.html>

JMS Co., Ltd. is a medical device manufacturer to provide medical products for both patients and healthcare workers to bring the best out of the products and services. The product portfolio includes a various range of transfusion disposable devices and the company is active all over the world in the field of transfusion business.



1414 - Kawasumi Laboratories, Inc.

Shinagawa Intercity Tower B, 9th Floor, 2-15-2, Konan, Minato-ku
108-6109
Tokyo
Japan

Contact:
T: +81 3 5769 2605
E: k-maneyama@kawasumi.jp
<https://www.kawasumi.jp/e/>

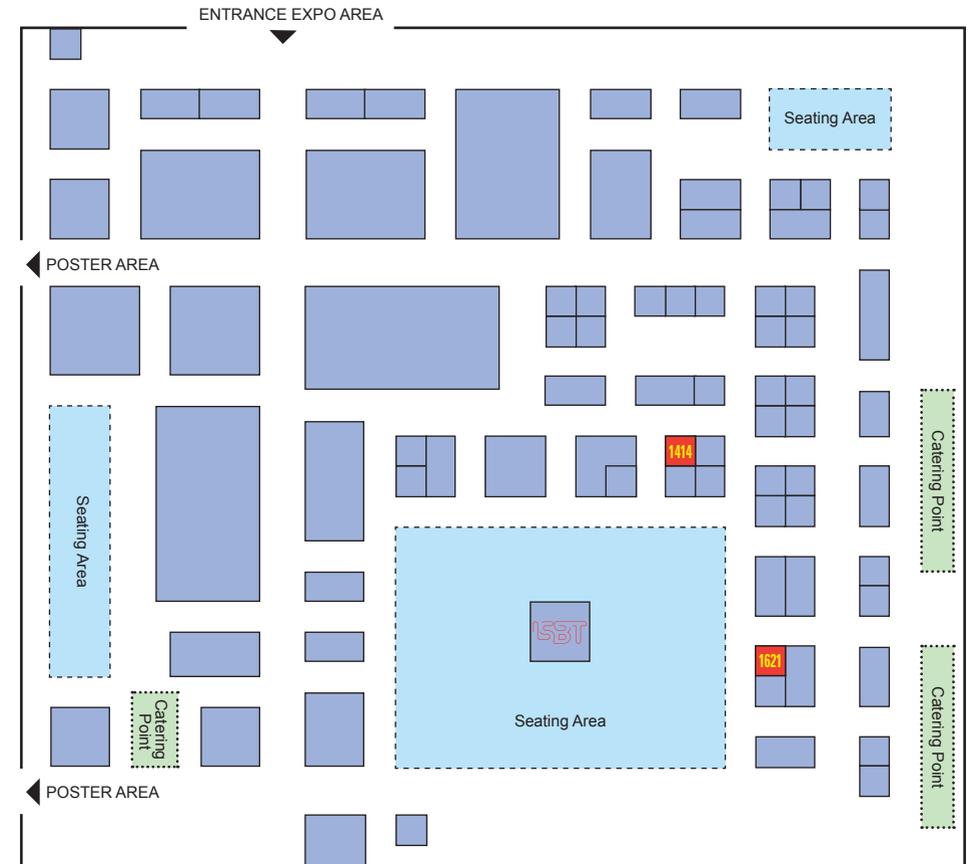
Since 1954 Kawasumi's commitment to safety, quality and affordability has been at the forefront of safe blood collection and transfusion. The KARMI In-line Blood Bags and Dual Press Blood Separators join our already famous product line of KARMI Conventional Blood Bags, Tube Sealers, Blood Collection Monitors, and Automatic Tube Strippers. Visit our booth and see how we can help you too!

1621 - KW Apparechi Scientifici SRL

Via della Resistenza, 117-119
53035
Siena
Italy

Contact: Marco Faneschi
T: +39 0577 309143
E: export@kwkw.it
<https://www.kwkw.it>

KW is an Italian manufacturer with production sites in Italy where all products are made accordingly to GMP and to a long experience to dedicated sectors (health science, research and pharmaceutical). KW manufactures devices aimed to the control of temperature, from -125°C to +300°C. Main products are -86°C freezers for the preservation of human plasma, tissues, organs, biological samples; -45°C freezers for plasma and biological samples; Blood bank refrigerators for the storage of whole blood and red cells; platelets incubators and agitators, plasma thawers, stem cell thawers, refrigerators for medicines, shock plasma freezers



1214 - Lmb Technologie GmbH

Möslstrasse 17
85445
Schwaig
Germany

Contact: Mr. Klaus Jentsch
T: +49 8122 880 96 0
E: info@lmb.de
<https://www.lmb.de>

LMB is a German manufacturer, specialized in Blood Bank Solutions over 35 years. DONATION, SEPARATION, STORAGE and TRANSPORT functions are fully covered with LMB own products.

LMB is actively represented in 60 countries worldwide by its distributors and guarantees worldwide service. Blood Safety is the motto of LMB all around the world.

LMB newest product, Filtramic has been just launched for leuko-depletion tractability, which guarantees you leuko-reduction process documentation and make data storage of leuko-depletion for hemovigilance. It closes the gap of missing of the traceability of Blood treatment.

Enjoy a warm welcome at Lmb's booth.

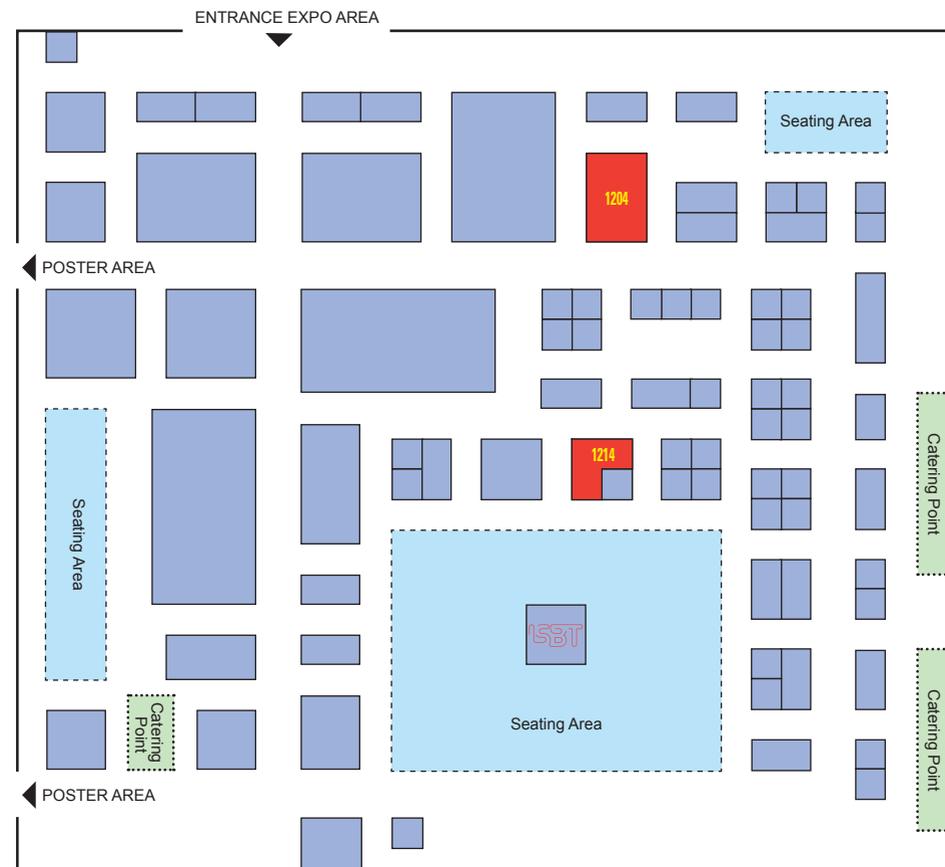
1204 - Macopharma

200 Chaussée Fernand Forest
59200
Tourcoing
France

Contact: Véronique LUTUN
T: +33(3) 20 11 84 00
E: veronique.lutun@macopharma.com
<https://www.macopharma.com>

Macopharma offers products and services to collect, process and distribute blood components that meet high safety and quality for patient transfusion.

Investments in research and development as well as partnerships with blood centers, universities and biotechnology companies enable Macopharma to design the best solutions to help its customers to meet their goals in blood supply.



105 - MAK-system

35, Square de Meeus
1000
Brussels
Belgium

Contact: Clement Glinkowski
E: c.glinkowski@mak-system.net
<https://www.mak-system.com>

MAK-SYSTEM International Group is the leading provider of innovative healthcare software solutions used in more than 65 countries.

Our off-the-shelf software provides to Blood Centers, Hospital Transfusion Services and Cell Therapy Facilities the highest functionality and technology on the market.

As a modular solution, you can extend your services to Hospitals, Donors and/or Patients.

We take great pride in the fact that our software run in centers collecting from 1,000 to 7 million donations per year.

Our vast experience in managing small, medium and large size projects is unique as well as our commitment to successfully implement our software.

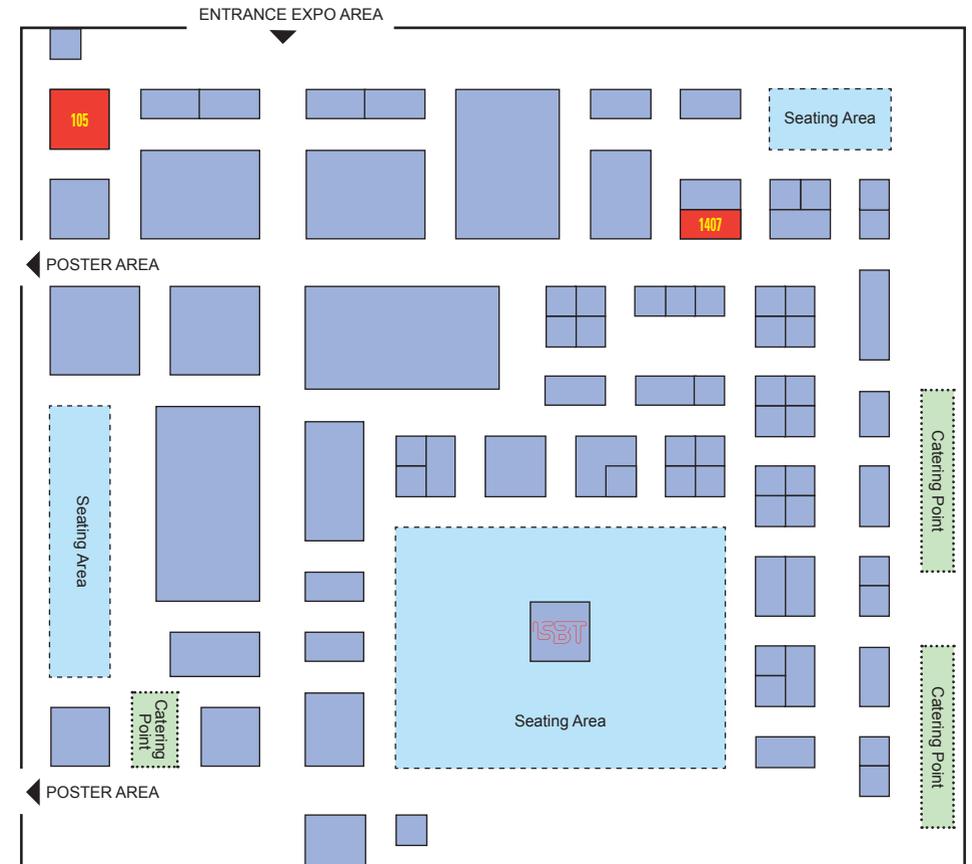
We are delighted to welcome you at our booth to demonstrate on the spot how our software can best serve the needs of your organization."

1407 - Medinfo International Hemoservice

2 rue Jules Belleudy
06200
Nice
FRANCE

Contact: Kamel KETARI
T: +33493144601
E: medinfo@medinfo.fr
<https://www.medinfo.fr>

MEDINFO is a leading company specialized in Blood Transfusion Software and Cell Therapy. Our software meets all the needs of Blood Transfusion Centers, Blood Banks and Transplant laboratories. It is developed in order to increase patient safety, to help the user to comply with his procedure and to manage an efficient traceability. Many Blood Transfusion Centers, Blood Banks and Transplant laboratories, all over the world, have chosen our software to manage their activities: NBS in England, Thai Red Cross in Thailand, CTSA in France and many others in Belgium, Brazil, Chile, Romania, Saudi Arabia, Spain, Tunisia, etc.



1613 - Meditalia SRL

via alla Piana 1
23030
Lovero Valtellino
Italy

Contact: Eng. Giovanni Mazzaro
T: +39 0342 771070
E: info@meditaliasrl.com
www.meditaliasrl.com

Meditalia Srl is an Italian company for years active in the biomedical sector that has chosen to focus on innovative patents to create new proposals for the benefit of patients:

- Blood and drugs obtained from placental blood. Has acquired a patent granted in the United States and Europe for preparation of a cord blood platelet gel.
- New medical devices, including the ozone kit and the postpartum blood loss control during the delivery.

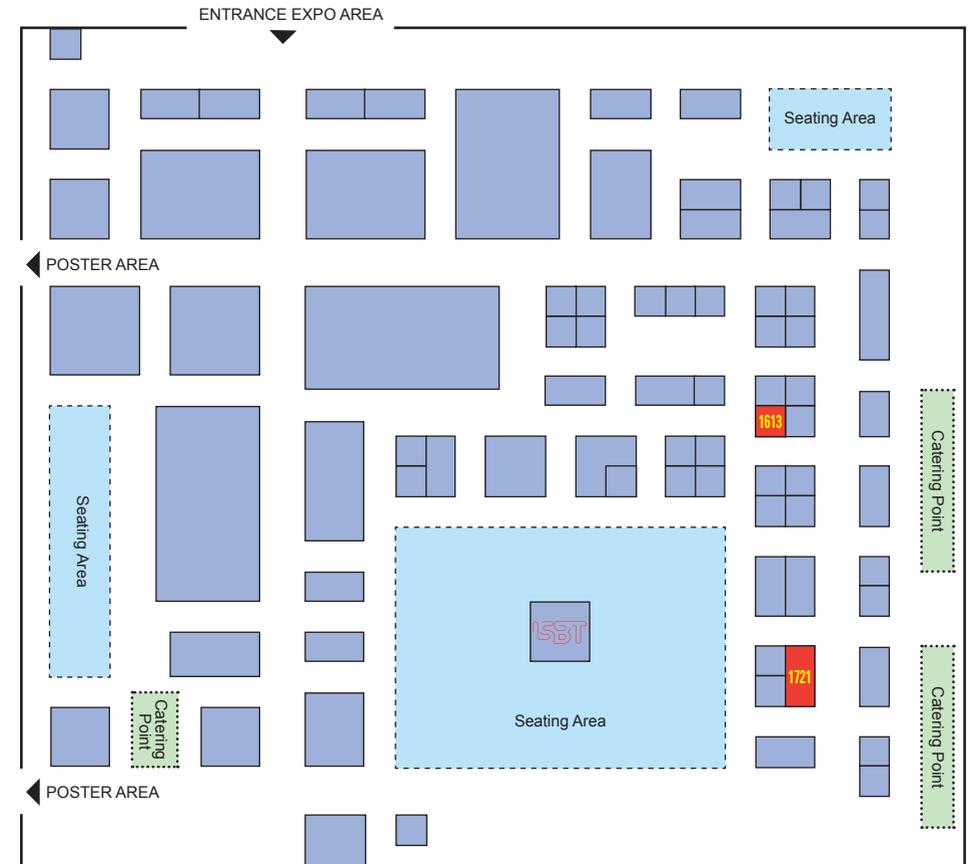
Meditalia SRL has been operating for over 40 years in the production and sales of raw materials and finished products for use in the medical field.

1721 - Mediware

11711 W. 79th Street
66214, Lenexa, KS, United States of America

Contact: Aaron Winkelmann
T: 903-307-1000
E: info@mediware.com
www.mediware.com

Mediware is a provider of state-of-the-art information management software spanning the blood management & cellular therapy continuum. This includes HCLL Transfusion for blood banks; LifeTrak for blood centers; Transtem for comprehensive cellular therapy management; HCLL Analytics for PBM & business intelligence; and KnowledgeTrak for document, accreditation & competency management. We are based in Kansas City with more than 3,000 customers and 800 employees across the globe. Learn more at www.mediware.com.



1616 - Möller Medical GmbH

Wasserkuppenstr. 29-31
36043 Fulda, Germany

Contact: Lerna Russe
T: +49 661 941 95 0
E: info@moeller-medical.com
<https://www.moeller-medical.com>

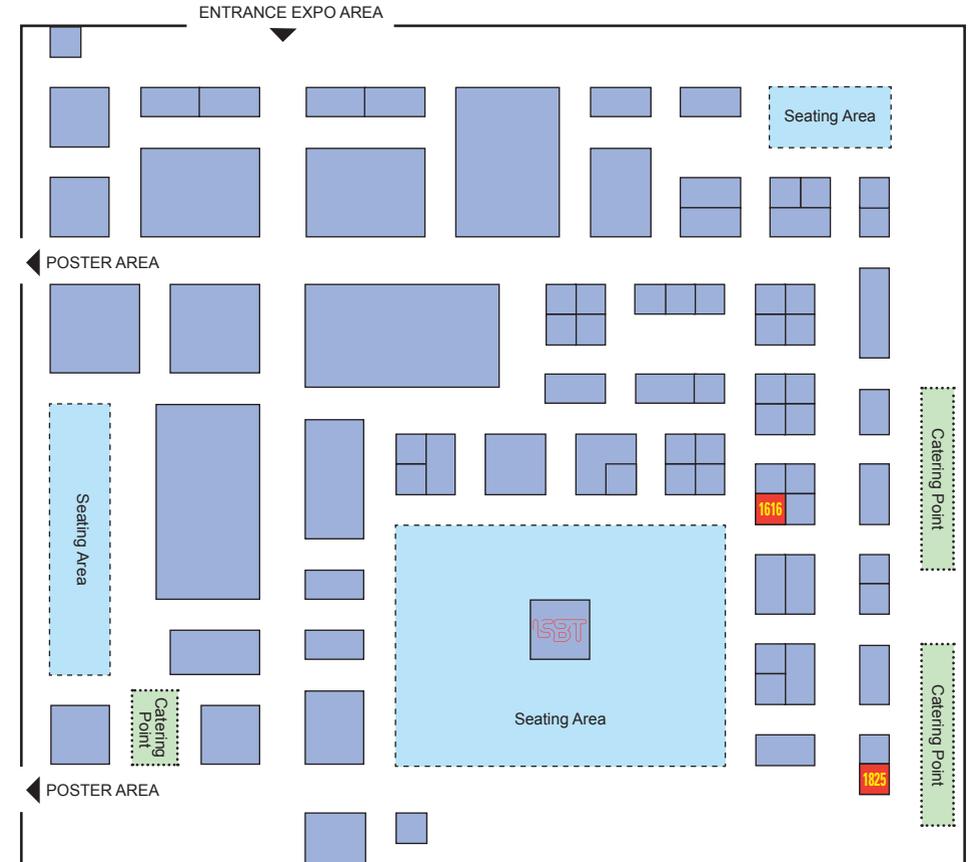
Moeller Medical is a German medical device manufacturer who belongs to medimondi group. medimondi group is part of Centrotec Sustainable AG and covers all corporate activities concerning medical devices and engineering plastics. Moeller Medical developed and manufactures components and highly sensible medical devices. Our product portfolio consist of own brands (blood banks, interventional radiology, urology, neurosurgery, aesthetics,) and OEM business (human cannulae, nano-coatings, HPLC hardware, peristaltic pumps). The main business for blood banks is the Docon family, consists of blood mixing scales and tube sealers.

1825 - MTCINVITRO DIAGNOSTICS AG

Amperéstr. 2a
64625
Bensheim
Germany

Contact: Sebastian Marra
T: +496251848290
E: info@mtcinvitro.com
<https://www.mtcinvitro.com>

MTC – Micro Typing Concepts – is specialized in blood grouping applications providing innovative products for blood bank professionals in all global markets. MTC's core product line is gel centrifugation technology with its INVITROGEL TEST-SYSTEM - 6 tubes gel cards, INVITROOCTA 8 tubes gel cards, INVITROSTAT one minute gel test and a range of fully automated analyzers. Other product lines are liquid reagents, microplates and lateral flow tests. With multiple clone lines for ABO and phenotyping and a wide selection of rare reagents and specialty products MTC INVITRO offers one of the most distinctive product portfolios available in immunohematology.



814 - Nanjing Shuangwei Biotechnology Co., Ltd.

No.1, Gaoke 8 Road, New&High Technology Industry Development Zone, Nanjing, P.R. China.
210032
Nanjing
China

Contact: Luis Yin
T: +86 (0)25 58842973
E: yin.lu@shuangweibio.com
<https://www.shuangweibio.com>

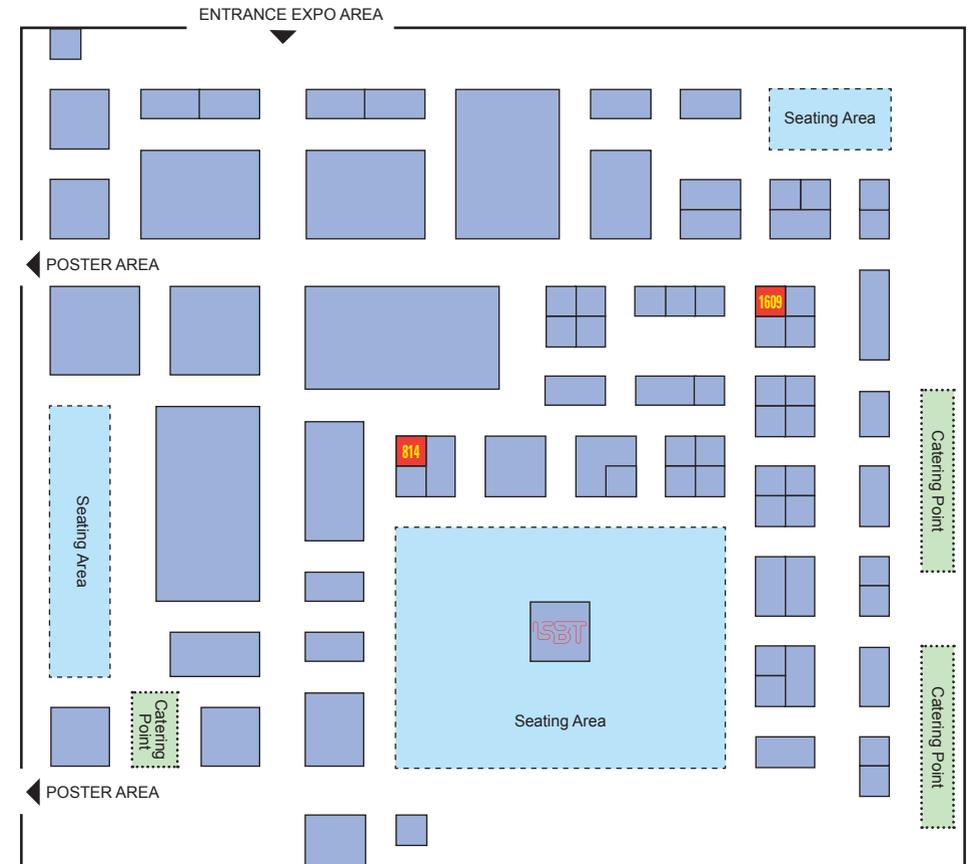
Since 1993, Nanjing Shuangwei Biotechnology has been specialized in the field of high-tech haematology products and dedicated to reducing risks of blood transfusion with advanced filtration technologies. Our complete range of CE-marked leukocyte reduction filters have been widely used in more than 20 countries and enjoy a good reputation through good quality and after-sales service. As a reliable supplier of high performance in-line filters (soft and hard housing), Shuangwei has established strategic cooperation relationship with many famous blood bag manufacturers around the world. Our platelet pooling system with in-line leukoreduction filters will be used by more and more blood centres soon.

1609 - NanoEnTek, Inc.

2F, Ace High End Tower, 5, 25gil
08389
Guro-gu
Republic of Korea

Contact: KP Ko
T: +82-2-6220-7742
E: ivdst@nanoentek.com
<https://www.nanoentek.com>

NanoEnTek, Inc. aims to overtake the market leader in biotechnology, nanotechnology, and information technology field. Outstanding experts in the fields of biomedical engineering, bio-MEMS, chemistry, and optics have developed innovative products of life science research and point-of-care diagnostics. ADAM-rWBC (FDA 510k Cleared) is an analyzing device that counts the number of residual leukocytes in a blood component for transfusion in 1 mins. ADAMII-CD34 is a bench top fluorescent CD34 counting analyzer that can be used in hospital and research laboratory. It has 4-channel light sources and perform assays for CD34+ cells as well as cell viability (CD34, total cell) simultaneously.



1512 - Ontario Regional Blood Coordinating Network (ORBCoN)

2075 Bayview Avenue Rm E310
M4N3M5
Toronto
Canada

Contact: Troy Thompson
T: 289-339-6648
E: troy.thompson@sunnybrook.ca
<https://www.transfusionontario.org>

Inspiring and facilitating best transfusion practices in Ontario. We will be an innovative and valuable resource for promoting appropriate, standardized and safe transfusion practices.

1512 - ONTraC: The Ontario Nurse Transfusion Coordinators Program

St Michael's Hospital, 30 Bond St, Room 2-040 Shuter,
M5B 1W8
Toronto
Canada

Contact: Alanna Howell
T: (416) 864-6060 ext 4055
E: howella@smh.ca
<https://www.ontracprogram.com>

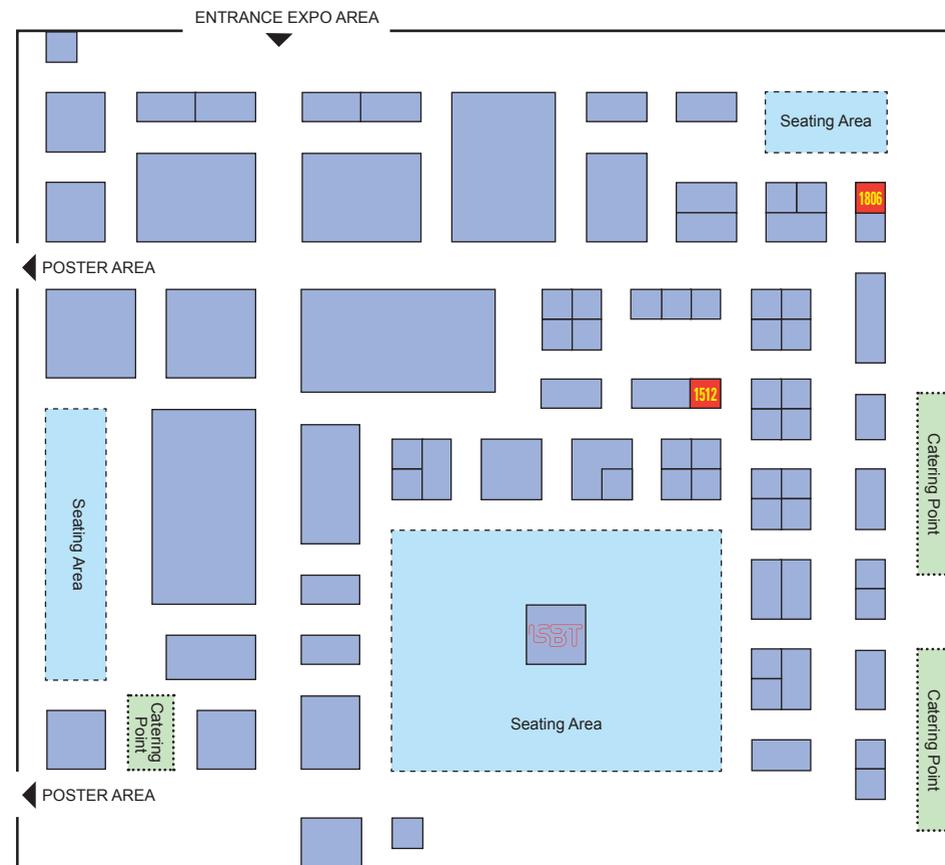
The ONTraC program is a network of transfusion coordinators in 25 Ontario hospitals with the focus of implementing patient blood management. The program has been highly successful in reducing transfusion rates and improving clinical outcomes, and has proven to be cost-effective.

1806 - OrSense

Ha'mefalsim street, Kiryat Arie
4900302
Petah Tikva
Israel

Contact: Maayan Vayman
T: +97237404900
E: al@orsense.com
<https://www.orsense.com>

OrSense is a medical device company developing and marketing non-invasive monitoring systems for measurement of Hemoglobin. OrSense NBM200 system is successfully installed in dozens of blood donation facilities worldwide. OrSense's products are based on a proprietary Occlusion Spectroscopy technology.
www.orsense.com



422 - Ortho Clinical Diagnostics

1380 Rodrick Road, Suite 100
L3R4G5
Markham, Ontario
Canada

Contact: Carli-Anne Garnett
T: (905) 479- 8115
E: carli-ann.garnett@orthoclinicaldiagnostics.com
<https://www.orthoclinicaldiagnostics.com>

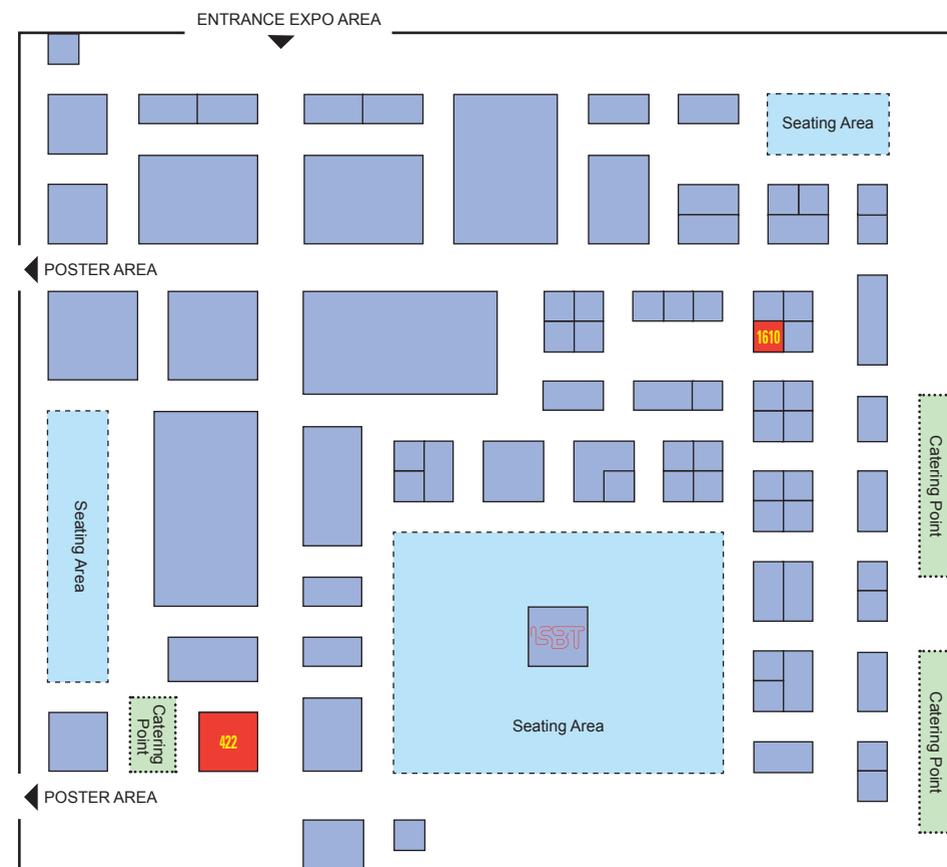
Ortho Clinical Diagnostics is a global leader of in vitro diagnostics serving the global clinical laboratory and immunohematology communities. Across hospitals, hospital networks, blood banks, and labs, our high-quality products and services enable healthcare professionals to make better medical decisions to improve and save lives.

1610 - PCL Inc.

Star valley #701, 99, Digitalro 9gil, Geumcheongu
08510
Seoul
The Republic of Korea

Contact: Trudie Potteiger
T: +82-70-4673-3433
E: pclchip@pclchip.com
<https://www.pclchip.com>

PCL Inc. provides multiplex immunodiagnosics based on SG Cap™ technology, a highly enabling and flexible immobilization method with unparalleled sensitivity and specificity thresholds. Applications include infectious disease blood screening (CE Mark for Hi3-1 assay), oncology, animal health, and drug discovery.



1514 - PuriBlood - Power Membrane Co., Ltd.

No. 545, Sec.2, Hezun N. Rd., Zhongli District
32060
Taoyuan
Taiwan, R.O.C.

Contact: Bob Tseng
T: +886 3 3330279
E: bob@membranepower.com.tw
http://www.membranepower.com

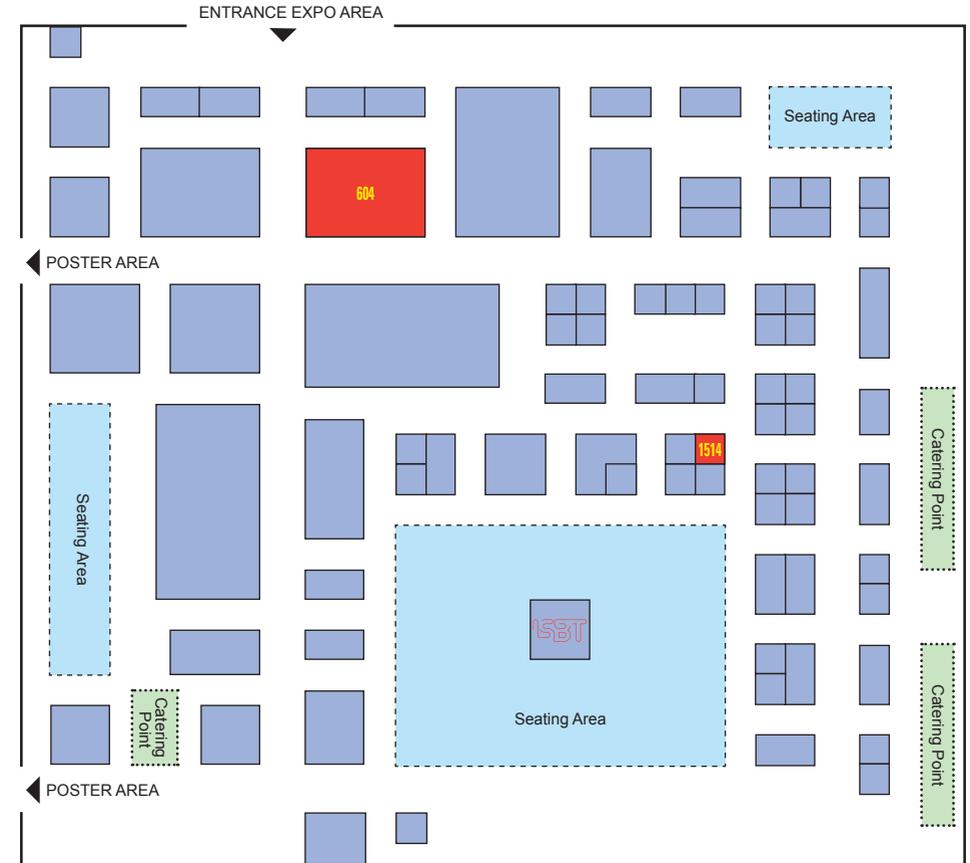
Power Membrane carries forward the applications of anti-biofouling Zwitterionic technology. We cooperate with Puriblood Medical for manufacturing and marketing the PuriBlood® Leukocyte reduction filters in the world. PuriBlood® is widely used for improving the safety of human and animal blood transfusion. We supply the white blood cell isolation syringe filter for laboratory and diagnostics markets as well. Our zwitterionic-bias biomaterial is a proven technology not only for leukocyte capture but also for wound healing. A new brand of high tech hydrocolloid and hydrogel wound dressing with zwitterionic-bias material which can accelerate one or several stages of the healing process will come to the market soon.

604 – Quotient

Rte de Crassier 13
CH-1162 Eysins

Contact: Julian Liew
T: +41 22 716 98 00
E: info@quotientbd.com
https://www.quotientbd.com

Quotient is a commercial-stage diagnostics company committed to reducing healthcare costs and improving patient care through the provision of innovative tests within established markets. For over 30 years, Quotient customers trust the company as a quality, innovative provider of reagents for use in blood transfusion medicine. Today, Quotient is developing its proprietary MosaiQ™ platform, with an initial focus on blood grouping and serological disease screening, to offer a breadth of tests that is unmatched by existing commercially available transfusion diagnostic instrument platforms.



1203 - Rad Source Technologies, Inc.

4907 Golden Parkway, Suite 400
30518
Buford
United States

Contact: Gord Ashfield
T: 678-765-7900
E: gashfield@radsources.com
https://www.radsources.com

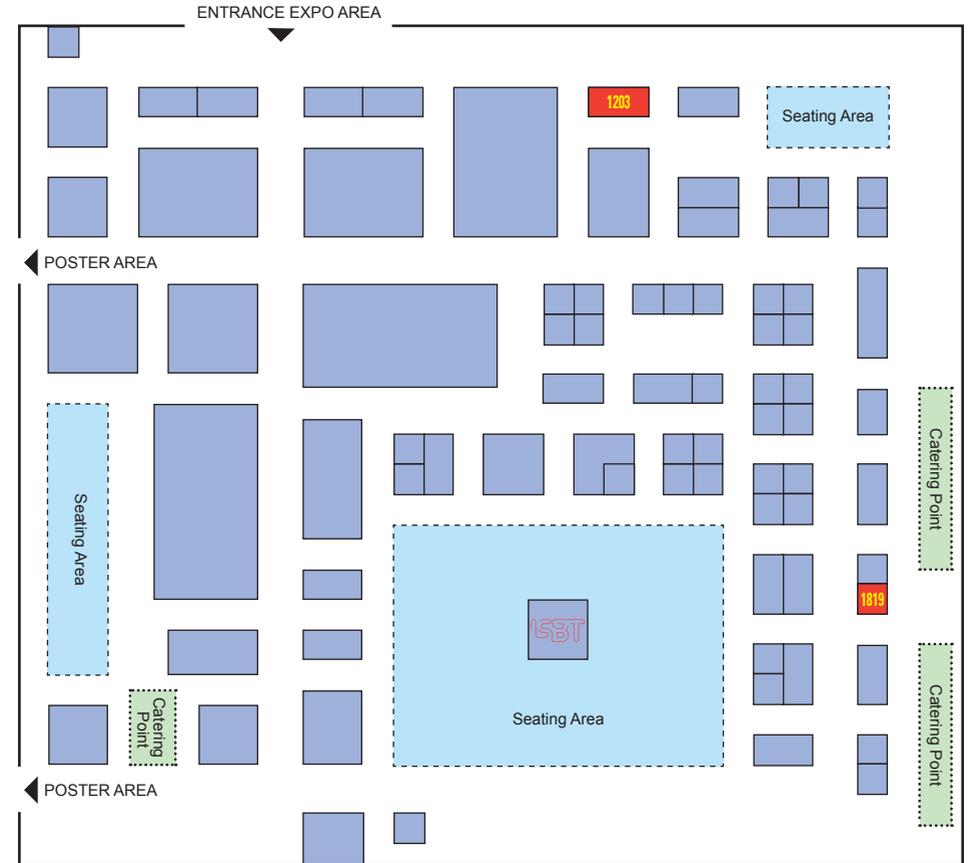
Our 3400 X-ray Blood Irradiator which incorporates proprietary technology including our patented QuaStar™ X-ray Tube and rotator is now the number one selling blood irradiator in the world. Unique advantages include it can process 6, one liter canisters in less than 5 minutes, it can process a variety of blood product in the same cycle and it runs on a single power supply. It also has superior dose uniformity, on-board cooling. We have already placed over 100 units worldwide including approximately 20 units at the American Red Cross. It is US-FDA cleared, CE marked and has been approved in numerous other countries.

1819 - RadTag Technologies Inc.

2403 - 96 Street NW
T6N 0A7
Edmonton
Canada

Contact: Karima Hudda
T: +1-780-433-4331
E: info@radtagtech.com
http://www.radtagtech.com

Manufacturing and sales of irradiation indicators for medical and other industries. Products include RadTag blood irradiation indicators.



1027 - Rees Scientific

1007 Whitehead Road Ext.
08638, NJ
USA

Contact: June Spitz
T: 609-530-1055 Ext. 2203
E: june@reesscientific.com
<https://www.reesscientific.com>

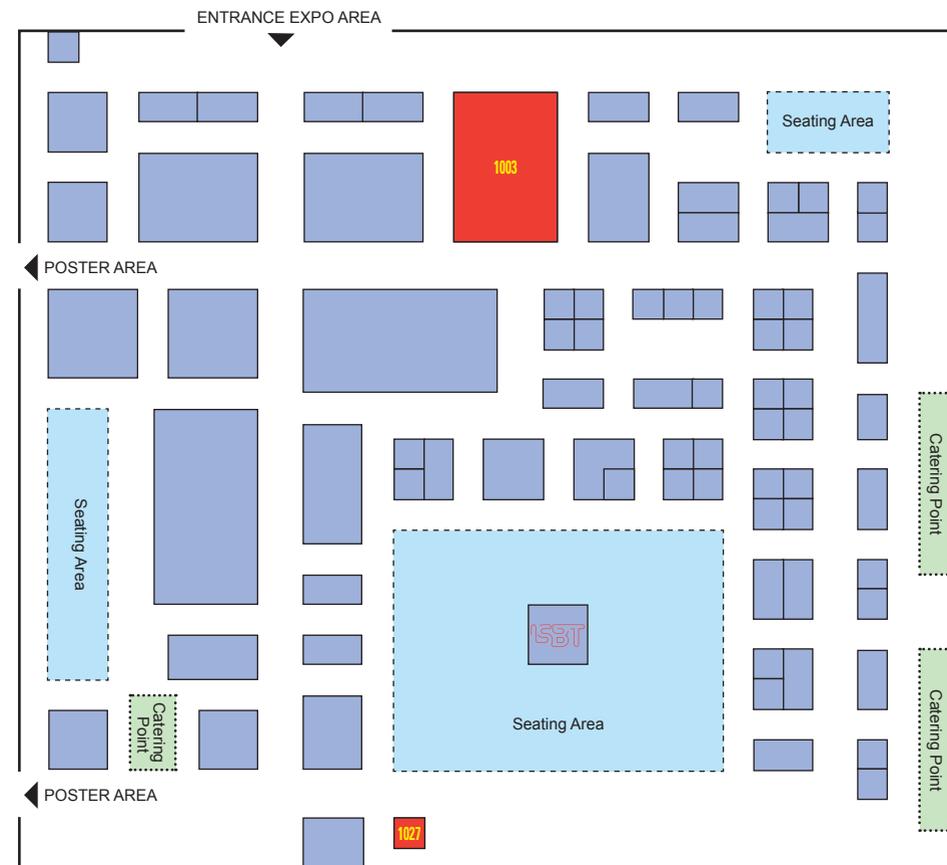
Since 1982, Rees Scientific has been the industry standard for automated temperature monitoring. Our wide range of systems is a complete solution for all monitoring needs. Monitor critical equipment for temperature, humidity differential pressure and much more. Our systems help meet compliance for AAALAC, FDA, GAMP, GxP, HACCP, USP797, and other regulatory requirements. Our newest innovation makes monitoring your facility even easier. The new Z3 wireless modules offer many new exciting features and are a valuable transformation from the previous V.2 version. They offer extended battery life, reduced/eliminated battery alarms, improved reliability, encrypted communication, increased module per network device and more.

1003 - Roche

4300 Hacienda Drive
94588
Pleasanton, CA
USA

Contact: Spontaneous Russell
T: +1 925 523 9272
E: spontaneous.russell@roche.com
<https://www.molecular.roche.com>

Roche Diagnostics is dedicated to being a trusted partner of blood and plasma screening laboratories now and in the future. Roche offers a comprehensive portfolio through Roche Blood Safety Solutions, which integrates nucleic acid testing, serology testing, pre-analytics and IT solutions. Roche is the first company to offer a connectivity of serology and nucleic acid testing, setting new standards in reliability, safety, and efficiency worldwide.



1824 - Safetran

3F., No. 1, Alley 16, Lane 120, Lide Road, Beitou Dist., Taipei City, Taiwan. 11259

Contact: Sabina Juan
T: +886 2 2891 8099
E: office@safetran.com.tw
https://www.safetran.com.tw

Safetran, a professional hematology therapy platform and service provider, is committed to be a first-class provider of safe and high quality transfusion products. Saferan strives to optimize blood transfusion quality, enhance safety and reduce side effects by supplying high quality products and services built on the most secure transfusion platform.

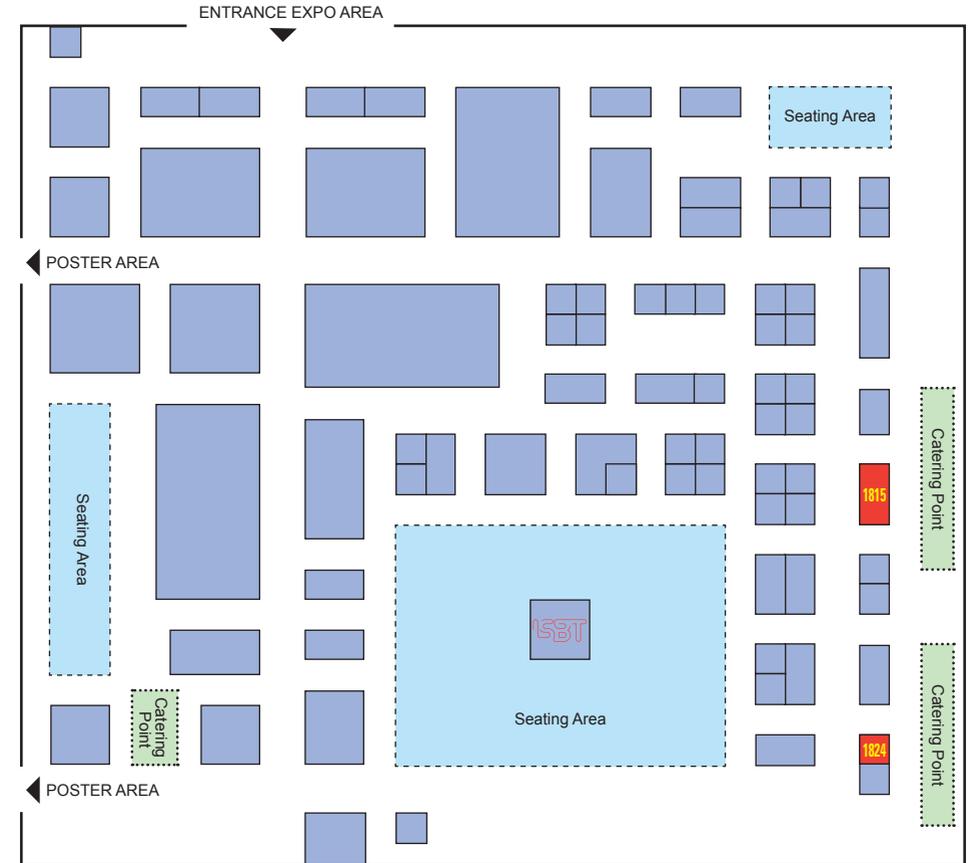
Safetran provides a range of state-of-the-art products for transfusion, such as leukocyte-reduction filter sets, blood components apheresis, and plasma collection for fractionation industry. Safetran also has penetrated into regenerated medicine by Phoenix PRP system which is a most advance and accurate PRP prepare system since 2015. Phoenix autologous PRP (Platelet Rich Plasma) collection system has earned good response from market.

1815 - Sato Vicinity Pty Ltd

Knowledge Plaza, 1-7-1 Shimomeguro, Meguro-ku
153-0064
Tokyo
Japan

Contact: Graham Murdoch
T: +61 (0)2 9562 9800
E: isbt@sato-global.com
https://www.satoworldwide.com

SATO, working alongside fully accredited manufacturers of transfusion fridges and freezers offers off the shelf PJM RFID tools that are ISBT RFID Guideline compliant and can be seamlessly integrated with transfusion software systems to provide complete automated traceability. SATO is a pioneer in the Automatic Identification and Data Collection (AIDC) industry and a leader in barcode printing, labelling, and EPC/RFID solutions. SATO's healthcare solutions are based on absolute positive identification of patients, medications, specimens and samples, treatments, lab results and records. Positive identification improves patient safety and helps avoid medical errors, while increasing a hospital's productivity and reducing costs.



1710 - Shire Pharma Canada

Bay Adelaide Centre
22 Adelaide Street West, Suite 3800
M5H 4E3
Toronto
Canada

Contact: Jackie Steinwall
T: 416-587-4166
E: jackie.steinwall@shire.com
<https://www.shire.com>

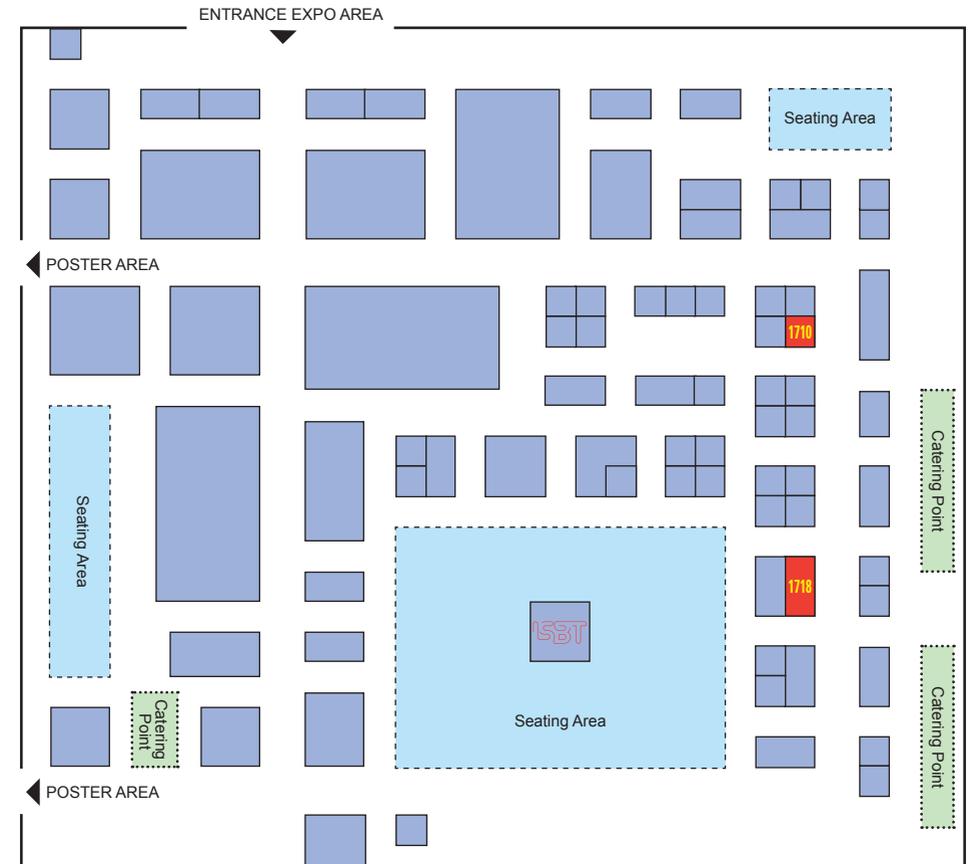
Shire is the leading biotechnology company focused on serving people with rare diseases and other highly specialized conditions.

1718 - Sichuan Nigale Biotechnology Co., Ltd.

Rm. 901-910, 9/F, Unit 2, Bldg. 1, No. 401, Sheng'an Street, Hi-Tech. Dist.
610041
Chengdu
China

Contact: Ms. Cici Wang
T: +86 028 8512 2235
E: sales@ngl-cn.com
<https://www.ngl-tech.com>

Nigale is the leading company worldwide specializing in the field of manufacturing plasma/ platelet apheresis and blood bag systems. Our total quality management system complies with GMP, ISO 23485 and CE. Nigale is dedicated to its clients by providing state-of-art technologies, products and services in various working environments.



1812 - Sigma Laborzentrifugen GmbH

An der Unteren Söse 50
37520
Osterode
Germany

Contact: Renate Wauge
T: +49 (0) 5522-5007-8260
E: r.wauge@sigma-zentrifugen.de
www.sigma-zentrifugen.de

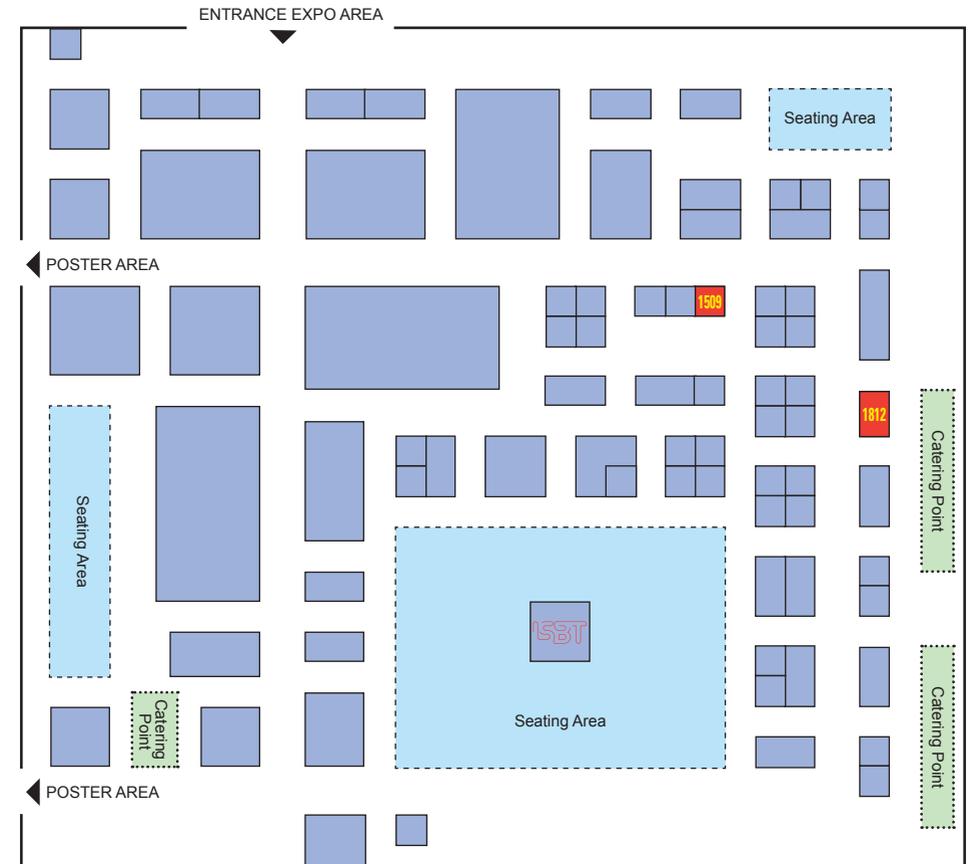
A comprehensive range of high-quality centrifuges is available from Sigma Laborzentrifugen GmbH. The product range encompasses centrifuges from 48 ml to 12 l capacity with a wide spectrum of accessories for dedicated applications. Instruments for blood banks feature high throughput and extremely reliable operation, IQ/OQ, and protected programming. The Sigma 8KBS Refrigerated Floor-Standing Centrifuge for blood banks with a capacity up to 12 blood bags in swing-out rotor configuration with data interface for quality management and bar code scanning options. The Sigma 4-5L is an instrument for high throughput operation in clinical laboratories.

1509 - STRATEC Biomedical

Centrum Point, Third Ave. Centrum 100.
DE14 2WD
Burton upon Trent. Staffordshire.
United Kingdom

Contact: Stephen Pownall
T: +44 (0) 7917762267
E: s.pownall@stratec.com
www.stratec.com/data-solutions

STRATEC Biomedical is a strategic partner for medical equipment companies needing complex biotechnology systems. The original equipment manufacturer (OEM) builds analyser systems for third-party companies in the clinical diagnostics and biotechnology industry. STRATEC Data Solutions are experts in developing software which is used to interface laboratory instruments involved in diagnostic testing. These solutions range from simple connectivity solutions through to large middleware installations. In most instances STRATEC works with its OEM partners to develop customised instrument software solutions. Aurora Vigilant is a maintenance software package which enables the laboratory to actively manage and electronically document critical tasks throughout the laboratory.



1716 - Suzhou Bacme Biotech CO.,Ltd.

No.1 Fuqiao Road, Taicang City, 215434 Jiangsu, P.R. China
215434
Suzhou
P.R.China

Contact: Wan Yun
T: +86-512 53657829
E: bacme@bacme-bio.com; ywan@bacme-bio.com
<https://www.bacme-bio.com>

Suzhou BACME Biotech Co., Ltd., founded in 2011, is located in the Taicang Port Economic and Technological Development Zone. As a high-tech bio-medical company, BACME is the developer, manufacturer, marketer and technical supporter of in-vitro diagnostic(IVD) products.

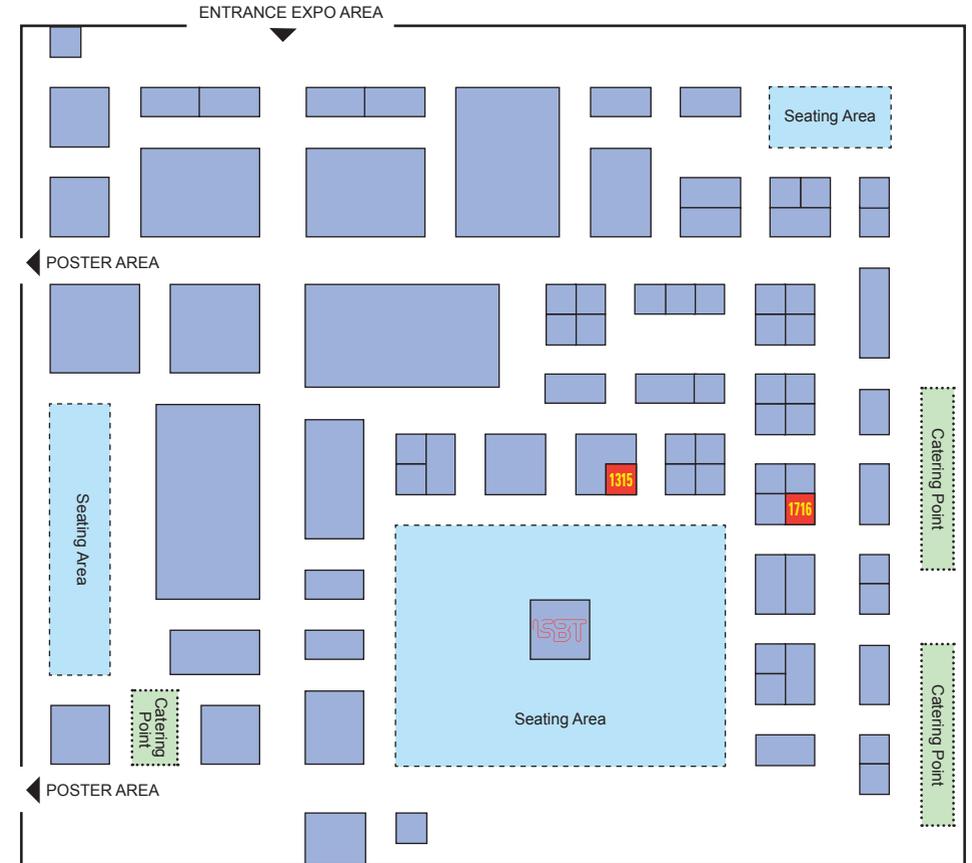
BACME strives to become a global IVD company with unique and qualified blood screening solutions. Our nucleic acid testing(NAT) kit has been launched successfully features in high sensitivity and specificity, strong anti-jamming, and automated operating system. The unique "Four In One" NAT kit can detect HBV, HCV, HIV-1 and HIV-2 targets in a single test.

1315 - Technoflex

Zone Artisanale de Bassilour
64210
BIDART
France

Contact: Sylvie Ponlot
T: +33 559 54 6666
E: contact@technoflex.net
<https://www.technoflex.net>

Over 40 years of experience have made Technoflex an innovative firm, European leader in the design and manufacture of flexible bags and connectors for the pharmaceutical industry. As for cellular therapy, Technoflex provides state-of-the-art bags delivering high value in the domains of cryopreservation (EVA), or stem-cells culture. Safecell®, our new range of FEP bags for cell culture is developed with a specific leak-proof design and offers optimal traceability. Our proficiency in the pharmaceutical primary packaging of injectable drugs, allow us to produce in clean room ISO 7 (Class 10000) with a low AQL for supplying innovative containers)



622 - TerumoBCT

Ikaroslaan 41
1930
Zaventem
Belgium

Contact: Helen Vandebovenkamp, Senior Manager, Global Marketing Communications
T: +32.2.715.0590
E: helen.vandebovenkamp@terumobct.com
<https://www.terumobct.com>

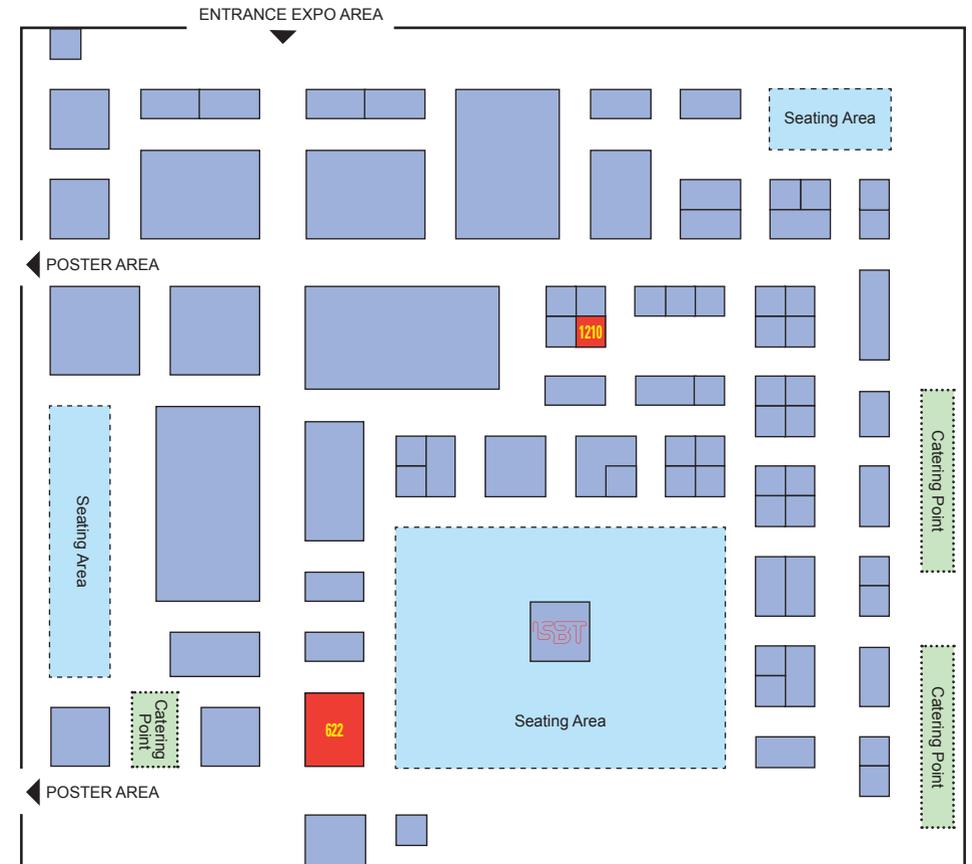
Terumo BCT, a global leader in blood component, therapeutic apheresis and cellular technologies, is the only company with the unique combination of apheresis collections, manual and automated whole blood processing, and pathogen reduction technologies. We believe in the potential of blood to do even more for patients than it does today. This belief inspires our innovation and strengthens our collaboration with customers.

1210 - Thermo Fisher Scientific

890 Dubuque Avenue
94080
South San Francisco
USA

Contact: Daryl Michalik
T: 415.429.2551
E: dmichalik@linkagebio.com
<https://www.linkagebio.com>

Thermo Fisher Scientific supplies innovative solutions for the world's blood banking and cell therapy community. With applications that span the blood banking workflow – from collection to analysis to therapy – we provide a broad range of products and services. Through our premier brand – Thermo Scientific – we now offer LinkS q real-time PCR technology, which was developed to genotype complex systems. This robust, automated technology delivers results in ~90 minutes. LinkS q real time PCR assays for transfusion medicine include solutions for ABO, HPA, RBC and sickle cell disease.

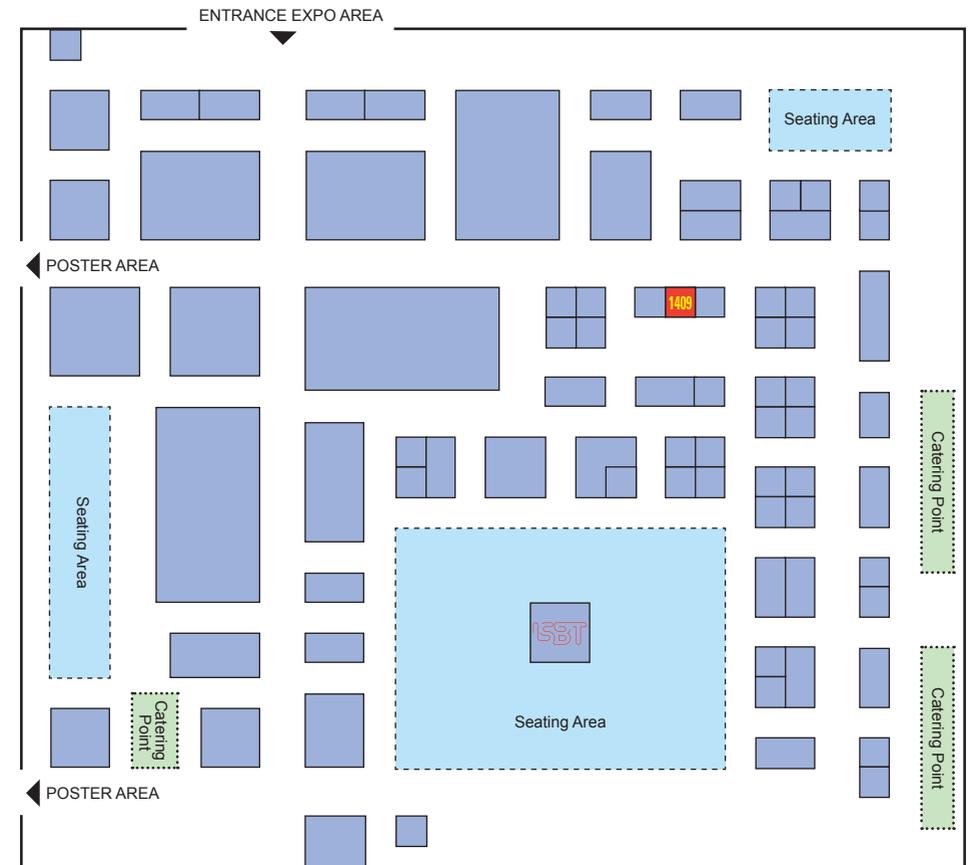


1409 - Toutenkamion

901 rue du Lieutenant Thomasset
45270
LADON
FRANCE

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<https://www.toutenkamion.com>

toutenkamion is a specialist body builder of different kind of mobile units according to the needs, with a wide range of different customers. They are mainly professionals in broadcasting and television, motor sports, medical support, healthcare, education, training, event marketing, roadshow, marketing, exhibitions, etc. The bodywork with or without extension is individually designed for each application of mobile workplace in any desired dimension. Design, construction and fitting out of the interior are entirely completed in the factory of toutenkamion s.a. Sales are worldwide into approx. 30 countries,



Floor Plan



BE THE 1.

JOIN CRISTIANO RONALDO
AND ABBOTT TO DONATE
BLOOD AND PLASMA NOW.
YOU COULD SAVE A LIFE.

For many in need of blood donation, finding that perfect match isn't easy. It goes far beyond blood type. That's why every person who donates blood is unique and special. Your blood could be one of a kind. Blood donors can be the single person of the 7 billion on the planet, needed to save another human life. Like Cristiano Ronaldo, inspire and motivate your friends to donate blood and help them realize the profound impact they can have on someone's life. Join Cristiano Ronaldo and the BE THE 1™ team to donate blood now. You could save a life.

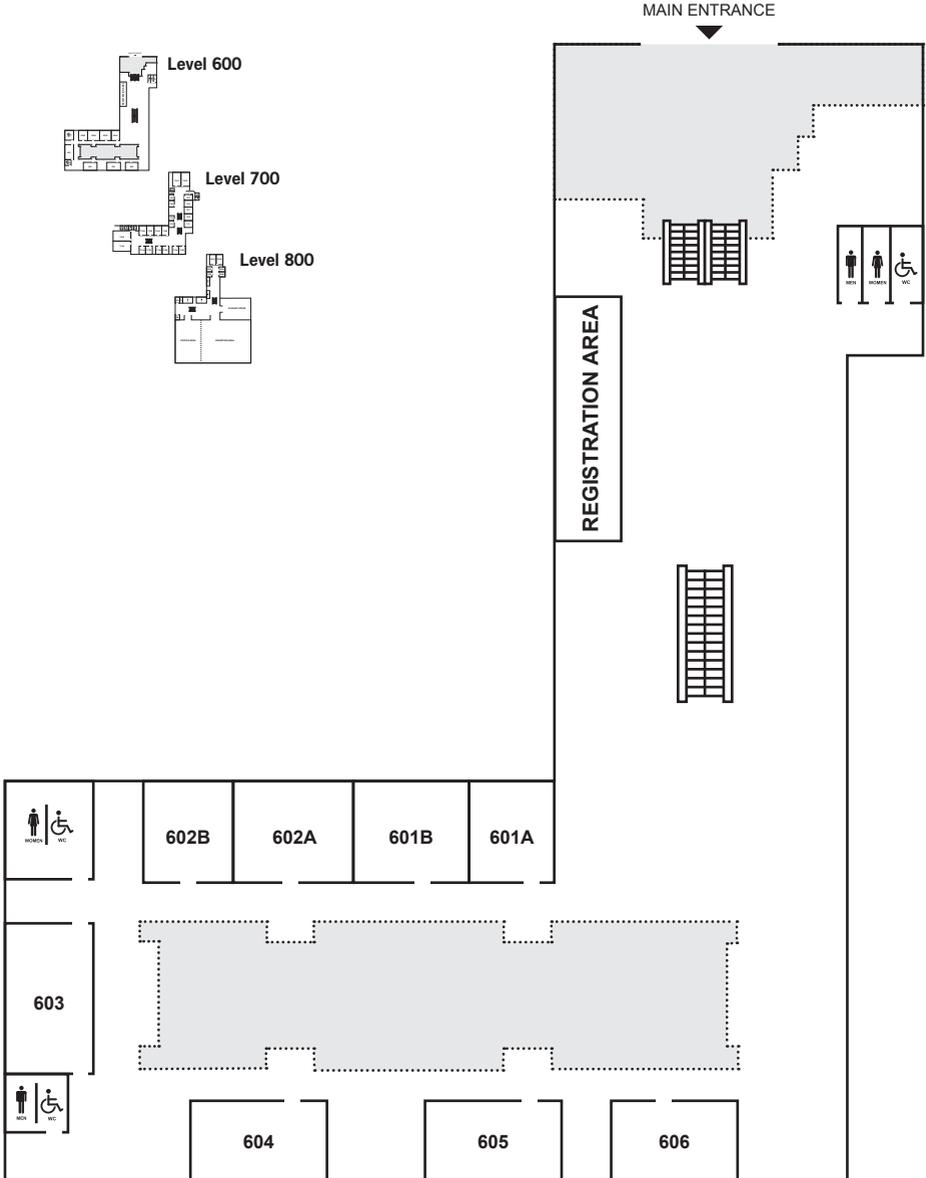
Sign up to donate at [Bethe1Donor.com](https://www.Bethe1Donor.com)



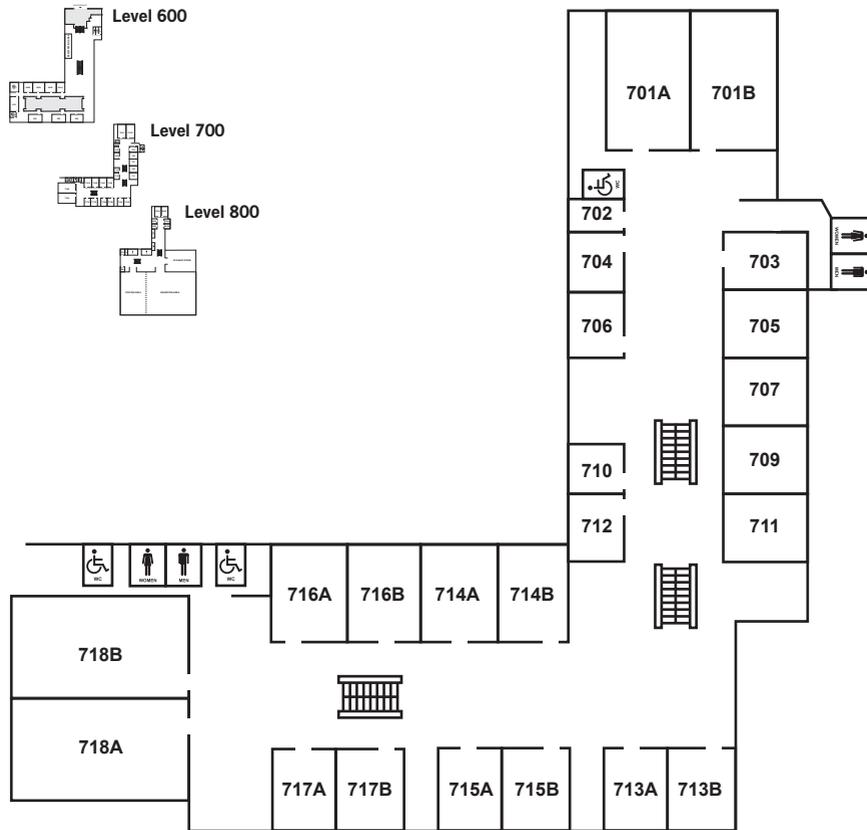
EXPERIENCE PERSONALIZED SOLUTIONS AT THE ABBOTT BOOTH, STAND 609

Floor Plan

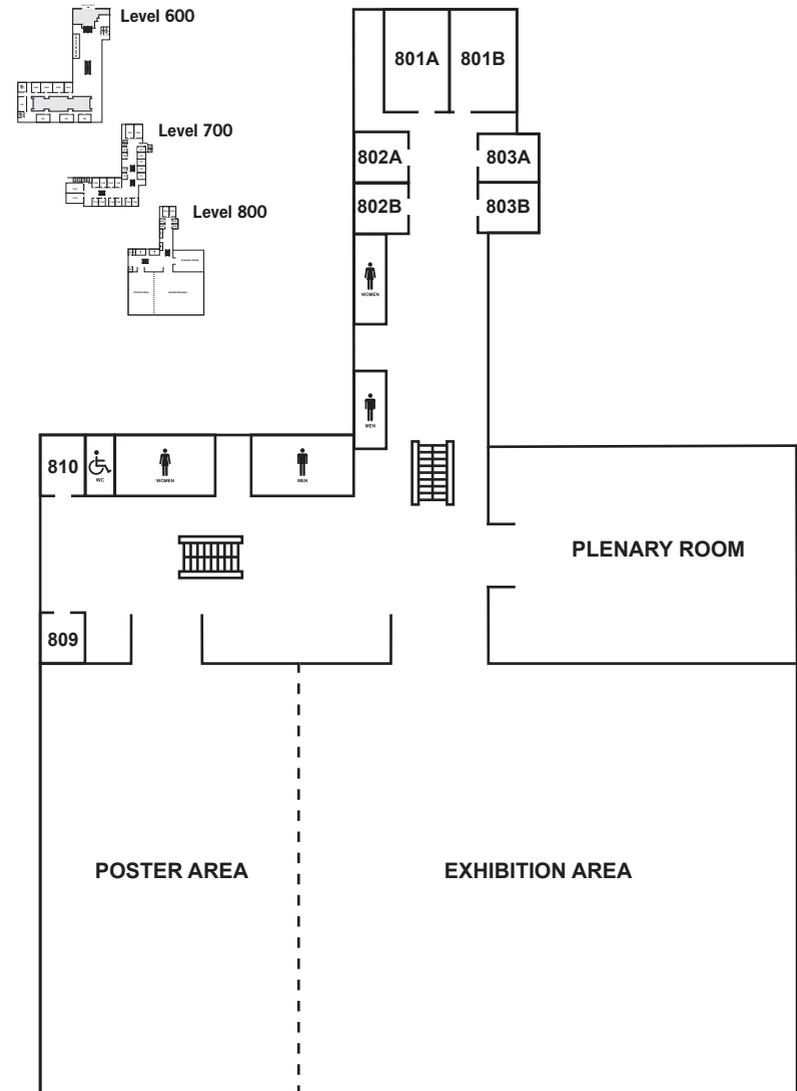
Level 600 (Ground Floor)



Floor Plan Level 700 (-1)



Floor Plan Level 800 (-2)



Exhibition Floor Plan

609	Abbott	403	Inno-Train Diagnostik GmbH
1706	Actemium NDT-P&S	1209	IPFA
620	Angelantoni	1019	ISBT
803	Asahi Kasei	1712	ITL BioMedical
1622	Ashland	1112	Jiaxing Tianhe Pharmaceutical CO., LTD.
1821	Australian Red Cross	203	JMSNA
627	B Medical	1414	Kawasumi
1415	Barkey	1621	KW Apparechi Scientifici
1818	Best Theratronics	1214	Lmb
1809	Biolog-ID	1204	Macopharma
1406	bioMérieux	105	MAK-system
313	Bio-Rad	1407	Medinfo IHS
1715	Bioxun Biotech Co. Ltd.	1613	Meditalia SRL
1615	Blood Hub	1721	Mediware
1624	CBS	1616	Moeller Medical GmbH
111	Cerus	1825	MTC Invitro
1606	CLST	814	Nanjing Shuangwei Biotechnology Co., Ltd.
1109	Conroy	1609	NanoEntek
815	CSTM	1512	ONTraC
1607	Delcon	1512	ORBCoN
1618	Demophorius	1806	OrSense
614	Diagast	422	Ortho Clinical Diagnostics
1312	Diasorin	1610	PCL Inc,
119	Fresenius Kabi	1514	PuriBlood - Power Membrane
136	Fujirebio Inc.	604	Quotient
1807	Gamma	1203	Rad Source
1515	GenesisBPS	1819	RadTag Technologies
603	GFE Blut	1027	Rees Scientific
1110	Gilardoni SpA	1003	Roche
1709	Global Blood Fund	1824	Safetran
309	Grifols	1815	Sato Vicinity Pty Ltd
420	Haemokinesis	1710	Shire
1014	Haemonetics	1718	Sichuan Nigale
914	Helmer	1812	Sigma Zentrifugen
1713	Hema-Quebec	1509	Stratec Biomedical
619	Hemasoft	1716	Suzhou Bacme Biotech Co., Ltd.
1404	HemoCue	1315	Technoflex
1612	Hettich	622	TerumoBCT
1309	ICCBBA	1210	Thermo Fisher Scientific
204	Immucor	1409	Toutenkamion

ENTRANCE EXPO AREA

101

105

203 403

603 803

1003

1203

1404

Seating Area

111

204

604

1204

1406
1407

1606 1706
1607

1806
1807

POSTER AREA

119

309

609

1109 1209
1110 1210

1309 1409 1509

1609 1709
1610 1710

1809

Seating Area

313

614

814 914
815

1014

1214
1315

1414 1514
1415 1515

1612 1712
1613 1713

1812

1615 1715
1616 1716

1815

619

620

622

627

1027

627

1019
15th
TORONTO
2018

Seating Area

1618 1718

1818
1819

1621 1721
1622

1821

1624

1824
1825

POSTER AREA

136

Catering Point

422

622

Catering Point

Catering Point

LSBT
TORONTO
2018

Floor plan



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You want just-in-time.

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