

ISBT BASEL 2019

29th Regional
Congress of the
ISBT

In conjunction with Swiss
Transfusion SRC and the
Swiss Association for
Transfusion Medicine

June 22 - 26, 2019
Basel, Switzerland

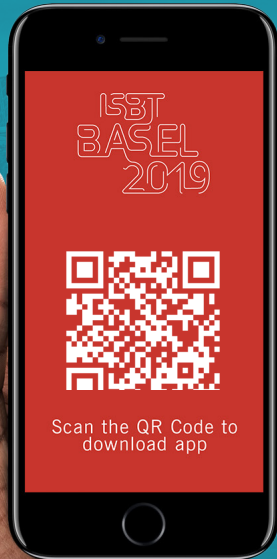
Final
Programme



International Society
of Blood Transfusion



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ISBT
BASEL
2019

29th Regional Congress
of the International Society
of Blood Transfusion,
Basel, Switzerland
June 22 - 26, 2019

ISBT
BASEL
2019

Acknowledgements

Corporate Partners

ISBT is pleased to acknowledge the following ISBT Corporate Partners 2019-2020

GOLD



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Word of Welcome Congress President

Dear friends and colleagues,

On behalf of Swiss Transfusion SRC and the Swiss Association for Transfusion Medicine SVTM, it is our pleasure to welcome you to the 29th Regional Congress of the International Society of Blood Transfusion in Basel, Switzerland from June 22 - 26, 2019.

The ISBT Scientific Secretary, in close collaboration with the Local Organizing Committee, will provide a broad range of topics in the scientific programme, thus offering you the opportunity to expand and update your knowledge in a number of basic as well as currently prevailing items of education, research and globalization influence in modern transfusion medicine.

Among the planned session topics are:

- Donors and donation
- Bridging the gap (plenary session)
- Adverse events
- Big Data (plenary session)

At the same time, we want this congress to be an exciting event enabling colleagues and specialists to meet, to discuss about all the various aspects of our field of profession, to enlarge their professional network, to discover what new technologies, knowledge and findings in transfusion medicine have been acquainted.

Last but not least, we want to offer you all a good time in Basel right on the trilateral border of Switzerland, Germany, and France and easily accessible via Basel Euro-Airport. The congress venue is the Basel Congress Center; it is located right in the center of this appealing international Swiss city, where you can enjoy the early summer on the river shore of the Rhine and benefit from its Mediterranean climate, a refreshing swim included.

Looking forward to meeting you here.



Rudolf Schwabe

Co-Congress President

*Head of Local Organizing Committee ISBT 2019
Former CEO Swiss Transfusion SRC*



Behrouz Mansouri Taleghani

Co-Congress President

*Head of Local Scientific Committee ISBT 2019
Lead Consultant Transfusion Medicine
and Chair Transfusion Committee Insel Group*

Word of Welcome ISBT President

Dear ISBT friends and colleagues,

On behalf of the ISBT Board of Directors and our Central Office, it is my great pleasure to welcome you to the 29th Regional ISBT Congress here in Basel, Switzerland. We look forward to an exciting conference - this time in the heartland of Europe and with the Swiss Transfusion SRC and the Swiss Association for Transfusion Medicine as our hosts. Together with John Semple, our ISBT Scientific Secretary, the Local Organising Committee has put together a programme bursting with topics designed to keep us updated on the fast progress in our field.

I would like to thank Rudolf Schwabe, Chair of the Local Organising Committee and, Behrouz Mansouri Taleghani, Chair of the Local Scientific Committee, joint Congress Presidents and all their colleagues for working hard to make this a congress to remember. We start with the popular Academy Day and the science continues with invited state-of-the-art lectures covering the latest science from our field and beyond in the main programme. On top of that, your abstracts selected for oral or poster presentations will make the Congress sizzle with discoveries and late-breaking findings. In parallel, our industry partners have prepared their exhibit booths with the latest technology on offer.

We have also prepared a great Social programme like you may have experienced at previous congresses. By connecting the young and not-so-young, clinicians and scientists, transfusion practitioners and donor experts plus many other categories of delegates, we help forming the teams required to answer tomorrow's questions in transfusion medicine.

After all this, I hope that you will also find some time to explore the city and its lovely surroundings.



Martin L Olsson

ISBT President

Young Professionals programme

Sunday, June 23 through Tuesday June 25

Meet and greet - Young Professionals space - 2nd floor

During refreshment breaks, come meet the Young Professionals council members and pick up your Young Professionals pin!

Sunday, June 23 | 19:00 - 20:00

Young Professionals drinks and snacks

Come meet us at the Basement level of the Exhibition during the opening night for a drink and a snack!

Monday, June 23 | 07:00 - 08:30

Young Professionals breakfast - Room Samarkand

The breakfast offers the opportunity for Young Professionals to discuss their work with senior and well known transfusion medicine professionals. You must have signed up to attend the breakfast.

Monday, June 23 | 08:30 - 10:00

Workshop on writing a successful grant application - Room Delhi

Imelda Bates, Professor in Clinical Tropical Haematology at the Liverpool School of Tropical Medicine (LSTM) will share the secrets to success in obtaining grants.

Monday, June 24 | 14:00 - 15:30

Young Investigators scientific session - Room Boston

Cheer on your fellow young investigators at this special session with the highest scoring young professionals abstracts

Tuesday, June 25 | 06:30 - 07:30

ISBT Run

Why not join the ISBT run along the river Rhine? Enjoy the Swiss fresh air and the view. Contact registration regarding signing up

Tuesday, June 25 | 08:30 - 10:00

Workshop on how to improve your scientific writing - Room Delhi

Come and join this workshop led by Bob van der Laaken head of the English department at Delft University of Technology and co-author of the book Presentation Techniques. Bob will give hints and tips and more for writing abstracts and papers.

Wednesday, June 26 | 08:30 - 10:00

Pitch your research proposal - Room Samarkand

Come and support your young professional colleagues as they pitch their research proposals in front of an expert panel who will offer advice and help

WORKSHOPS

Monday, June 24
08:30 – 10:00
Room: Delhi

Fundamentals of Good Grant Writing Workshop

This workshop will be useful for those interested in applying for research grants and is designed for 'novices' as well as those with experience in grant applications. The workshop will help to improve your understanding of how to write a successful grant proposal and it will provide an opportunity to share experiences about both successful and unsuccessful grant applications. The workshop will be hosted by Imelda Bates.

Tuesday, June 25
08:30 – 10:00
Room: Delhi

Workshop on How to Improve Your Scientific Writing

A highly interactive workshop that presents a reader-centered bottom line first approach to writing scientific papers. We will, among others, answer questions like: Who is going to read this, and why? Where do I begin? Can I use "me, myself and I"? Why are there so many referencing styles? Participants are encouraged to bring their own questions and please feel free to bring a paper that you're working on. The workshop will be hosted by Bob van der Laaken.

Wednesday, June 26
08:30 – 10:00
Room: Samarkand

Present your research idea to a panel of experts

The workshop will be hosted by Henrik Ullum and a small panel of experts. Attendees, who registered and were selected will have the possibility to present their research ideas to the panel in 5 minutes. After the presentation the expert panel will give tips and suggestions.

ISBT

An international community of professionals sharing knowledge to enhance transfusion practice.

This goal is achieved by providing many opportunities to advance knowledge and education. The membership includes transfusion medicine professionals from over 110 countries who enjoy free access to educational material via the online platform ISBT Education.

In addition ISBT:

- Publishes two scientific journals, Vox Sanguinis and the ISBT Science Series
- Organises international and regional congresses.
- Supports workshops, seminars and congresses globally either financially or by use of the ISBT logo.
- Encourages and supports 14 ISBT Working Parties that focus on specific topics

ISBT Membership

As a member of ISBT you are part of a dynamic international society and enjoy the following (free) benefits:

- Access to ISBT Education (Including accredited congress webcasts and presentations)
- Access to monthly ISBT Webinars and Live Journal Clubs
- Subscription for Vox Sanguinis (paper + online)* and ISBT Science Series
- Receive quarterly society magazine Transfusion Today
- Registration discount at ISBT congresses

*Online access only for 35 years and under

Take the opportunity to connect and participate in our growing transfusion medicine community and register yourself at www.isbtweb.org. Come and meet the ISBT Central Office staff at their booth, allocated on the second floor. The staff will be happy to assist you with your registration as a new member.

Notes

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**Free access to
Education
Materials**

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**Congresses
Discounts**

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**Expand your
network with
colleagues and
experts in your
field**

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Hrafn Thorvaldsson Harold Gunson Fellowship 2018

“As an ISBT member I can present my research and expand my international network meeting with people in the industry”.



Become a member today and benefit from what our international community has to offer:

- Free access to ISBT Education and ISBT Education app where you'll have access to congress webcasts, presentations, past webinars, the guideline library and more educational material
- Free access to webinars and Live Journal Clubs: learn about various topics presented by experts in the field
- Registration discount for ISBT congresses
- Free access to the ISBT Forum: network with colleagues and experts in your field
- Free access to Vox Sanguinis our high impact journal and the ISBT Science Series as well as ISBT's quarterly magazine Transfusion Today

ISBT Membership Fees

	< 35 years	35 - 70 years	> 70 years	Allied Health Professionals	Transfusion Practitioners
World Bank Index					
LOW	€30	€60	€45	€30	€30
LOWER MIDDLE	€30	€60	€45	€30	€30
UPPER MIDDLE	€60	€90	€60	€60	€60
HIGH	€60	€120	€90	€60	€60

The ISBT Membership year runs from 1 April 2019 to 31 March 2020.

ISBT Working Parties & other meetings

All meetings will take place at Congress Centre Basel (CCB), except for three WP meetings on Saturday where this is indicated

*= by invitation only

Saturday, June 22

08:30 - 11:15	ISBT WP on Rare Donors	Swissôtel – Room Helvetia 7
08:30 - 17:30	ISBT WP on Information Technology	Mexico
09:00 - 17:00	ISBT WP on TTID*	Sydney
10:00 - 15:30	ISBT WP on Donors and Donation	Hong Kong
11:30 - 14:30	ISBT WP on Red Cell Immunogenetics and Blood Group Terminology	Swissôtel – Room Helvetia 7
12:00 - 15:30	ISBT WP on Global Blood Safety	Nairobi
13:00 - 16:00	ISBT WP on TTID*	Samarkand
15:00 - 18:30	ISBT WP on Immuno haematology	Swissôtel – Room Helvetia 7
15:00 - 18:00	ISBT WP on Clinical Transfusion*	Guangzhou
17:30 - 19:00	General Assembly SVTM – Swiss Association for Transfusion Medicine*	Nairobi
18:00 – 19:00	Working Party Reception	3rd Floor

Sunday, June 23

08:30 - 17:30	ISBT WP on Information Technology	Darwin
09:00 - 10:30	ISBT WP on Haemovigilance - Recipients	Boston 1
09:00 - 10:30	ISBT WP on Haemovigilance - Donors	Boston 2
09:30 - 17:00	ISBT Academy I Try it 2019*	Delhi
10:00 - 12:00	ISBT WP on Blood Supply Management	Hong Kong
11:00 - 12:30	ISB WP on Haemovigilance	Boston 1
11:30 - 12:30	ISBT WP on Red Cell Immunogenetics and Blood Group Terminology	Boston 3
12:00 - 17:00	International Application of Omics Technologies in Transfusion Medicine*	Boston 2

12:30 - 13:30	Harold Gunson Fellowship Lunch*	Samarkand
14:00 - 16:00	Standing committee on Ethics*	Hong Kong
15:00 - 16:00	ISBT WP on Cellular Therapies	Guangzhou

Monday, June 24

07:00 - 08:15	Young Professionals Networking Breakfast	Samarkand
12:00 - 14:00	ISAC Meeting*	Samarkand
13:00 - 14:00	Young Professional Council*	Mexico
16:00 - 17:30	ISBT WP on Quality Management*	Mexico

Tuesday, June 25

07:00 - 08:15	Presidents of the National Societies Meeting*	Samarkand
09:00 - 16:00	TTID MSM modelling team*	Kairo 1
12:00 - 13:00	Young Professionals Speed Dating Session*	Samarkand
13:00 - 13:45	ISBT General Assembly	Delhi
13:30 - 16:00	Standing Committee of the ISBT Academy*	Mexico
14:15 - 15:00	Exhibitor Meeting	Samarkand

Wednesday, June 26

12:30 - 17:00	ISBT Academy I TRY IT 2019	Mexico
13:00 - 17:00	Vox Sanguinis Editorial Board meeting*	Osaka

Congress General Information

Registration hours

The registration desk, located on the ground level of CCB, will be open as of Saturday, June 22:

Saturday	June 22	08:00 - 17:00 hours
Sunday	June 23	08:00 - 19:30 hours
Monday	June 24	08:00 - 17:00 hours
Tuesday	June 25	08:00 - 17:00 hours
Wednesday	June 26	08:00 - 13:00 hours

Exhibition hours:

Sunday	June 23	18:30 - 21:00 hours
Monday	June 24	09:00 - 16:30 hours
Tuesday	June 25	09:00 - 16:30 hours

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.

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.

Abstract Author details

In this printed programme only the presenting author details are mentioned. For full author details on all abstracts please download the app or the Abstract Book.

EBAH Accreditation

The programme of the 29th Regional 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 27 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 the second floor.

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 Basel. You will get a landing page where you need to fill in the following details:

UserID: 2254231013

Password: 4420

Language

The official Congress language will be English.

Lost and Found

Please bring any found items or collect them again at the Service desk, located in the Registration area.

Photography and Filming during the Congress

ISBT has an official photographer during the congress, capturing images. The photographs will be used by ISBT for various publications, promotional materials and on 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 on the first floor, in the back of the Poster Area.

Staff

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

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.

Photographing and videoing 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 printed in 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 29th Regional 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 Rio (second floor). Speakers are requested to bring their presentation to the Speaker Ready Room on a 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 22	08:00 - 17:00 hours
Sunday	June 23	08:00 - 17:00 hours
Monday	June 24	08:00 - 17:00 hours
Tuesday	June 25	08:00 - 17:00 hours
Wednesday	June 26	08.00 - 12:00 hours

Programme changes

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

Posters

Poster Area

All accepted posters (publication and display) will be presented in Hall 4.1 on the second floor, next to the exhibition area. A list of the posters on display can be found on the next page, in the online 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 days.

Poster Mounting

Posters can be mounted as of Sunday, June 23 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:

Sunday	June 23	08:00 - 21:00 hours
Monday	June 24	09:00 - 16:30 hours
Tuesday	June 25	09:00 - 18:30 hours

Poster Session

The Poster Session will be organised on Tuesday June 25, from 17:30 - 18:30 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 Tuesday, June 25 at 18:30 hours. Material that has not been taken down by the author(s) by this time will be removed and disposed.

Responsibility for poster presentations

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

Posters

1.0 Management and Organisation

1.1 Organisational issues	P-001 - P-011
1.2 Information technology	P-012 - P-016
1.3 Cost/effectiveness	P-017 - P-018
1.4 Training and education	P-019 - P-023
1.5 Risk models, standards and regulation	P-024 - P-026
1.6 Blood supply management and utilization	P-027 - P-046
1.7 Quality management	P-047 - P-058

2.0 Blood donation

2.1 Blood donor recruitment	P-059 - P-090
2.2 Blood collection including apheresis	P-091 - P-105
2.3 Donor adverse events	P-106 - P-123

3.0 Blood products

3.1 Blood processing, storage and release	P-124 - P-154
3.2 Blood components	P-155 - P-179
3.3 Plasma products	P-180 - P-184
3.4 Pathogen inactivation	P-185 - P-199
3.5 Novel blood products	P-200 - P-215

4.0 Transfusion transmitted infections

4.1 Screening strategies for TTI	P-216 - P-259
4.2 Hepatitis B (HBV)	P-260 - P-267
4.3 Hepatitis C (HCV)	P-268 - P-273
4.4 HIV	P-274 - P-279
4.5 Bacteria	P-280 - P-293
4.6 Parasites	P-294
4.7 Newly emerging pathogens and other transfusion related pathogens	P-295 - P-303

5.0 Immunohaematology

5.1 Red cell immunology: Serology	P-304 - P-354
5.2 Red cell immunology: Molecular	P-355 - P-412
5.3 Platelet immunology	P-413 - P-424
5.4 Granulocyte immunology	P-425 - P-427
5.5 Fetal-maternal immunology	P-428 - P-448

Posters

6.0 Clinical transfusion

6.1 Neonatal and pediatric transfusion	P-449 - P-454
6.2 Therapeutic apheresis	P-455 - P-473
6.3 Evidence based transfusion medicine practice	P-474 - P-503
6.4 Haemorrhage and massive transfusion	P-504 - P-514
6.5 Adverse events, including TRALI	P-515 - P-524
6.6 Haemovigilance and transfusion safety	P-525 - P-535
6.7 Alternatives to blood transfusion	P-536 - P-537

7.0 Cellular therapies

7.1 Stem cell and tissue banking, including cord blood	P-538 - P-542
7.2 Collection, processing, storage and release	P-543 - P-553
7.3 Clinical applications	P-554 - P-560

8.0 Clinical immunogenetics

8.2 Histocompatibility in stem cell transplantation	P-561 - P-563
8.3 Histocompatibility in organ transplantation	P-564



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Programme at a Glance

Local/Neighbours Day

Saturday, June 22

	Montreal
09.00 - 10.30	1A-01 Innovation in Austria
10.30 - 11.00	Coffee Break
11.00 - 12.30	1B-02 Innovation in France
12.30 - 13.30	Lunch
13.30 - 15.00	1C-03 Innovation in Germany
15.00 - 15.30	Coffee Break
15.30 - 17.00	1D-04 Innovation in Switzerland

Saturday, June 22

09:00 - 10:30

Room: Montreal

Local/Neighbours Day: Innovation in Austria

Moderators: G. Leitner (Austria) and C. Gabriel (Austria)

- 09:00 - 09:30** SOUND OF MUSIC: QUANTUM MECHANICS OF INNOVATION
1A-01-01 IN AUSTRIA
C. Gabriel
Medical University Graz, Graz, Austria, Ludwig Boltzmann Society,
Vienna, Austria
- 09:30 - 10:00** INNOVATION IN CELLULAR THERAPY: HYPE AND HOPE
1A-01-02 N. Worel
Medical University Vienna, Vienna, Austria
- 10:00 - 10:30** INFLUENCE OF ANEMIA ON OUTCOME IN PATIENTS
1A-01-03 UNDERGOING ORTHOTOPIC LIVER TRANSPLANTATION
D. Baron
Medical University of Vienna, Vienna, Austria
- 10:30 - 11:00** **Coffee Break**

Saturday, June 22

11:00 - 12:30
Room: Montreal

Local/Neighbours Day: Innovation in France

Moderator: P. Tiberghien (France)

- 11:00 - 11:30** TRANSFUSION MEDICINE FOR SICKLE CELL PATIENTS: FROM
1B-02-01 BLOOD DONOR ACCRUAL TO GENE THERAPY
F. Pirene
 Etablissement Français du Sang, Créteil, France
- 11:30 - 12:00** IMMUNOTHERAPY CART-CELLS: FROM TARGET
1B-02-02 IDENTIFICATION TO THE CLINIC
C. Ferrand
 INSERM UMR1098 - EFSBFC - UBFC, Besancon Cedex, France
- 12:00 - 12:30** TRANSFUSION IN THE ACUTE BLEEDING SETTING: MASSIVE
1B-02-03 TRANSFUSION PROTOCOLS, INTRODUCING NEW "OLD" BLOOD
 PRODUCTS SUCH AS WHOLE BLOOD
S. Ausset
 Val de Grâce Military Medical Academy, Paris, France
- 12:30 - 13:30** **Lunch**

Saturday, June 22

13:30 - 15:00
Room: Montreal

Local/Neighbours Day: Innovation in Germany

Moderator: B. Mansouri (Switzerland)

- 13:30 - 14:15** MESENCHYMAL STROMAL CELLS FOR REGENERATIVE
1C-03-01 THERAPY
H. Schrezenmeier
 DRK-Blutspendedienst Baden-Württemberg - Hessen, Ulm, Germany
- 14:15 - 15:00** IN VITRO PRODUCTION OF MEGAKARYOCYTES
1C-03-02 C. Figueiredo
 Hannover Medical School, Hannover, Germany
- 15:00 - 15:30** **Coffee Break**

Saturday, June 22

15:30 - 17:00
Room: Montreal

Local/Neighbours Day: Innovation in Switzerland

Moderators: A. Buser (Switzerland) and S. Amar (Switzerland)

15:30 - 16:00 WE ARE STARDUST - WHAT COMETS TELL US ABOUT OUR ORIGINS
1D-04-01
K. Altwegg
 University of Bern, Bern, Switzerland

16:00 - 16:30 THE SKY'S THE LIMIT – NEXT GENERATION ENGINEERED CELLULAR THERAPIES
1D-04-02
L. Jeker
 Basel University Hospital and University of Basel, Basel, Switzerland

16:30 - 17:00 CELL-FREE NUCLEIC ACIDS IN TRANSFUSION MEDICINE
1D-04-03
S. Waldvogel
 University Hospital of Geneva, Geneva, Switzerland

Programme at a Glance

Academy Day

Sunday, June 23

	Montreal	Sydney
09:00 - 10:30	2A-01 Various Facets of Donor Management	2A-02 Transfusion Challenges in Patients with Sickle Cell Disease
10:30 - 11:00	Break	
11:00 - 12:30	2B-03 Artificial Intelligence and Ethics	2B-04 Issues around Transfusion in Infants and Children
12:30 - 13:30	Lunch	
13:30 - 15:00	2C-05 Management of Transfusion-transmitted Infections	2C-06 Immunohaematology
15:00 - 15:30	Coffee Break	
15:30 - 17:00	2D-07 Novel Technologies for Transfusion Medicine	2D-08 Platelet and Granulocyte immunology
17:30 - 18:30	Opening Ceremony (Plenary Room: San Francisco)	
18:30 - 21:00	Opening of the Trade Exhibition and Welcome Reception	

Sunday, June 23

09:00 - 10:30

Room: Montreal

Academy Day: Various Facets of Donor Management

Moderators: M. Goldman (Canada) and K. Magnussen (Denmark)

INTERACTIVE

- 09:00 - 09:30** IMPACT OF BLOOD DONATION ON EXERCISE TOLERANCE
2A-01-01 [J. W. Helge](#)
University of Copenhagen, Copenhagen, Denmark
- 09:30 - 10:00** HOW DOES DEFERRAL IMPACT THE BLOOD DONOR?
2A-01-02 [T. E. Davison](#)
Australian Red Cross Blood Service, Melbourne, Australia
- 10:00 - 10:30** THE GIFT OF LIFE - DOES IT APPLY TO DONATION FOR RESEARCH?
2A-01-03 [V. Raivola](#)
Finnish Red Cross Blood Service, Helsinki, Finland
- 10:30 - 11:00** **Coffee Break**

Sunday, June 23

09:00 - 10:30
Room: Sydney

Academy Day: Transfusion Challenges in Patients with Sickle Cell Disease

Moderators: T. Peyrard (France) and N. Thornton (United Kingdom)

09:00 - 09:30 IMMUNOHAEMATOLOGICAL FEATURES OF PATIENTS WITH SICKLE CELL DISEASE

2A-02-01

V. Thonier

Institut National de la Transfusion Sanguine, Paris, France

09:30 - 10:00 PHENOTYPE AND ALLELE MATCHING: HOW FAR SHOULD WE GO?

2A-02-02

C. Folman

Sanquin Diagnostic Services, Amsterdam, Netherlands

10:00 - 10:30 MANAGEMENT OF DELAYED HEMOLYTIC TRANSFUSION REACTIONS AND HYPERHEMOLYSIS SYNDROME

2A-02-03

S. Trompeter

University College London NHS Foundation Trust, London, United Kingdom

10:30 - 11:00 **Coffee Break**

Sunday, June 23

11:00 - 12:30
Room: Montreal

Academy Day: Artificial Intelligence and Ethics

Moderators: G. Clarke (Canada) and S. Allard (United Kingdom)

11:00 - 11:45 THE USE OF ARTIFICIAL INTELLIGENCE TO IMPROVE HEALTH CARE; WHAT'S IN IT FOR TRANSFUSION MEDICINE?

2B-03-01

B. Geerts

Amsterdam UMC, Amsterdam, Netherlands

11:45 - 12:30 BLOOD DONATION: INCENTIVES AND INDUCEMENTS – WHERE TO DRAW THE LINE?

2B-03-02

P. Flanagan

New Zealand Blood Service, Wellington, New Zealand

12:30 - 13:30 **Lunch**

Sunday, June 23

11:00 - 12:30
Room: Sydney

Academy Day: Issues around
Transfusion in Infants and Children

Moderator: M. Badawi (Saudi Arabia)

- 11:00 - 11:30** PLATELET TRANSFUSION TRIGGERS IN NEONATES
2B-04-01 [E. Lopriore](#)
LUMC, Leiden, Netherlands
- 11:30 - 12:00** DIAGNOSING TACO IN CHILDREN
2B-04-02 [F. Gauvin](#)
CHU Sainte-Justine, Montreal, Canada
- 12:00 - 12:30** APPLYING PATIENT BLOOD MANAGEMENT (PBM) PRINCIPLES
IN PAEDIATRIC PATIENTS
2B-04-03 [G. Crighton](#)
Royal Children's Hospital, Melbourne, Australia
- 12:30 - 13:30** **Lunch**

INTERACTIVE

Sunday, June 23

13:30 - 15:00
Room: Montreal

Academy Day: Management of
Transfusion-transmitted Infections

Moderators: M. Satake (Japan) and J. Levi (Brazil)

- 13:30 - 14:00** A RISK-BASED DECISION-MAKING FRAMEWORK FOR BLOOD
2C-05-01 SAFETY: WHAT'S THE CASE FOR ZIKA?
[E. Bloch](#)
Johns Hopkins University School of Medicine, Baltimore, United States
- 14:00 - 14:30** SCREENING STRATEGIES TO MINIMIZE THE RISK OF TT-HEV
2C-05-02 INFECTIONS
[T. Vollmer](#)
Institut für Laboratoriums- und Transfusionsmedizin, Herz- und
Diabeteszentrum Nordrhein-Westfalen, Universitätsklinik der
Ruhr-Universität Bochum, Bad Oeynhausen, Germany
- 14:30 - 15:00** UPDATE ON PATHOGEN INACTIVATION TECHNOLOGY
2C-05-03 [M. Lozano](#)
University Clinic Hospital, Barcelona, Spain
- 15:00 - 15:30** **Coffee Break**

Sunday, June 23

13:30 - 15:00
Room: Sydney

Academy Day: Immunohaematology

Moderators: C. Lomas-Francis (United States) and M. de Haas (Netherlands)

13:30 - 14:00 P1PK: A BLOOD GROUP SYSTEM WITH AN IDENTITY CRISIS
2C-06-01 [Å. Hellberg](#)
Clinical Immunology and Transfusion Medicine, Lund, Sweden

14:00 - 14:30 WHY ARE THE GATA AND KLF REGULATOR GENES INCLUDED
2C-06-02 IN THE BLOOD GROUP TABLES?
[N. Nogues](#)
Banc de Sang i Teixits, Barcelona, Spain

14:30 - 15:00 CELL-FREE FETAL DNA FOR FETAL BLOOD GROUP
2C-06-03 GENOTYPING: NON-INVASIVE PRENATAL TESTING
[F. B. Clausen](#)
Copenhagen University Hospital, Copenhagen, Denmark

15:00 - 15:30 **Coffee Break**

Sunday, June 23

15:30 - 17:00
Room: Montreal

Academy Day: Novel Technologies for Transfusion Medicine

Moderators: E. Jansen (Netherlands) and S. Goudar (United States)

15:30 - 16:00 IT IN BLOOD BANKS, PRESENT AND FUTURE. A NORDIC
2D-07-01 PERSPECTIVE
[H. G. Jensen](#)
Aarhus University Hospital, Aarhus N, Denmark

16:00 - 16:30 APPLYING DRONES TO SUPPLY BLOOD TO REMOTE AREAS;
2D-07-02 RWANDA'S EXPERIENCE
[S. Gatere](#)
Rwanda-Ministry of Health-National Blood Services, Kigali, Rwanda

16:30 - 17:00 NOVEL CHALLENGES IN BLOOD INVENTORY MANAGEMENT
2D-07-03 AND BEDSIDE TRANSFUSION
[L. Lodge](#)
Scottish National Blood Transfusion Service, Edinburgh, United Kingdom

17:30 - 18:30 **Opening Ceremony (Plenary Room: San Francisco)**

18:30 - 21:00 **Opening of the Trade Exhibition and Welcome Reception**

During the official opening of the Trade Exhibition there will be entertainment offered at various stands on both exhibition floors:

18:45 - 19:00	1 st floor	Ortho Diagnostics (1431)
19:00 - 19:15	Basement	MacoPharma (U302)
19:15 - 19:30	Basement	Wuhan BMS Medicaltech Co., LTD (U123)
19:30 - 19:45	Basement	Bio-Rad (U311)
19:45 - 20:00	1 st floor	Immucor (1215)
20:00 - 20:15	Basement	Sato Corporation (U104)

Sunday, June 23

15:30 - 17:00
Room: Sydney

Academy Day: Platelet and Granulocyte Immunology

Moderators: Y.L. Fung (Australia) and A. Wikman (Sweden)

15:30 - 16:00 WORK-UP IN CASE OF GRANULOCYTE ANTIBODIES
2D-08-01 [B. K. Flesch](#)
 DRK Blutspendedienst West, Bad Kreuznach, Germany

16:00 - 16:30 OPTIMAL ALGORITHMS FOR SEROLOGICAL AND MOLECULAR TYPING IN PLATELET ALLOANTIBODY INVESTIGATIONS
2D-08-02 [M. T. Ahlen](#)
 University Hospital of North Norway, Tromsø, Norway

16:30 - 17:00 MOLECULAR BASIS OF HNA-2 EXPRESSION
2D-08-03 [B. Bayat](#)
 Institute for Clinical Immunology and Transfusion Medicine, Giessen, Germany

17:30 - 18:15 **Opening Ceremony (Plenary Room: San Francisco)**

18:15 - 21:00 **Opening of the Trade Exhibition and Welcome Reception**

During the official opening of the Trade Exhibition there will be entertainment offered at various stands on both exhibition floors:

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20:00 - 20:15	Basement	Sato Corporation (U104)

Programme at a Glance Monday, June 24

- Plenary Session
- Blood Products
- Clinical
- Cellular Therapies
- Donors / Donation
- Adverse events
- Immunobiology of Blood Cells
- Management & Organization
- Other Sessions

	Samarkand	Delhi	Shanghai	Boston	Sydney	Montreal	San Francisco	
07:00 - 08:15	Young Professionals Networking Breakfast Session							
08:30 - 10:00		Fundamentals of Good Grant Writing Workshop	3A-S05 Reach and Retain Donors in Low, Medium and High Income Settings	3A-S04 Blood Component Issues	3A-S03 Blood Safety from the Perspective of the Woman	3A-S02 Blood Group Genomics: A Debate	3A-S01 Clinical Transfusion I	
10:00 - 10:30	Visit the Exhibition and Coffee Break							
10:30 - 12:00							PL-01 Plenary Session Bridging the Gap	
12:00 - 14:00	Visit the Exhibition, Lunch and Satellite Symposia							
14:00 - 15:30		3C-TP01 Avenia management - The importance of the Transfusion Practitioner in the multidisciplinary team	3C-S10 Blood Donor Retention & the Role of Side Effects	3C-S09 Young Investigators - Excellence in Transfusion	3C-S08 TTI, Immune Interactions and Risk	3C-S07 Focus on Pediatrics	3C-S06 Genotyping	
15:30 - 16:00	Visit the Exhibition and Coffee Break							
16:00 - 17:30			3D-S15 Blood Donation: Iron Loss, Anemia and Beyond	3D-S14 Improving Transfusion Organisation and Practice	3D-S13 Update on Retroviruses in Transfusion Medicine	3D-S12 Haemoglobinopathies: State of the Art	3D-S11 Red Blood Cell Destruction and Immune Regulation	

Monday, June 24

07:00 - 08:15

Room: Samarkand

Young Professionals Networking Breakfast Session

Pre-registration is required to attend this session

Young Professionals Networking Breakfast Session
Pre-registration is required to attend this session

This breakfast session is a great opportunity for young professionals, 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 their field and to give tips and suggestions.

The breakfast will take place in an informal setting. Please note that to attend this session, you need to have a good understanding of and be able to express yourself in English.

08:30 - 10:00

Room: Delhi

Fundamentals of Good Grant Writing Workshop

This workshop will be useful for those interested in applying for research grants and is designed for 'novices' as well as those with experience in grant applications. The workshop will help to improve your understanding of how to write a successful grant proposal and it will provide an opportunity to share experiences about both successful and unsuccessful grant applications.

The workshop will be hosted by Imelda Bates.

Monday, June 24

08:30 - 10:00

Plenary Room: San Francisco

Clinical - Clinical Transfusion I

Moderators: S. Allard (United Kingdom) and A. Buser (Switzerland)

- 08:30 - 08:45** GETTING WISE WITH ABO-INCOMPATIBLE LIVE RELATED RENAL TRANSPLANT: A TERTIARY CENTER EXPERIENCE
3A-S01-01
[S. Agrawal](#)
Indraprastha Apollo Hospital, New Delhi, India
- 08:45 - 09:00** DEVELOPMENT OF DETAILED TRANSFUSION EXPOSURE INFORMATION FROM PATIENT ELECTRONIC HEALTH RECORDS USING NATURAL LANGUAGE PROCESSING
3A-S01-02
[B. J. Whitaker](#)
U.S. Food & Drug Administration, Silver Spring, MD, United States
- 09:00 - 09:15** RHD IMMUNOGLOBULIN: ARE WE GETTING IT RIGHT IN OBSTETRICS?
3A-S01-03
[L. Bielby](#)
Australian Red Cross Blood Service, Melbourne, Australia
- 09:15 - 09:30** THE EFFECT OF INTRAUTERINE TRANSFUSION ON FETAL RETICULOCYTE COUNTS AND OUTCOME IN ALLOIMMUNE HEMOLYTIC DISEASE OF THE FETUS AND NEWBORN
3A-S01-04
[J. M. C. Ree](#)
Sanquin, Leiden, Netherlands, Leiden University Medical Center, Leiden, Netherlands
- 09:30 - 09:45** IDARUCIZUMAB FOR DABIGATRAN REVERSAL - A SINGLE-CENTER ANALYSIS OF TWO YEARS' EXPERIENCE
3A-S01-05
[B. Lima Pinto](#)
Centro Hospitalar e Universitário de São João, E.P.E., Porto, Portugal
- 09:45 - 10:00** PATHOGEN REDUCTION OF FROZEN PLATELETS
3A-S01-06
[D. Kutac](#)
Central Military Hospital Prague, Prague, Czech Republic, Faculty of Military Health Sciences, University of Defence Hradec Kralove, Hradec Kralove, Czech Republic
- 10:00 - 10:30** **Visit the Exhibition: Coffee Break**

Monday, June 24

08:30 - 10:00

Room: Montreal

Immunobiology - Blood Group Genomics: A Debate

Joint ISBT/AABB session

Moderators: *M. Keller (United States) and B. Frey (Switzerland)*

INTERACTIVE

- 08:30 - 09:00** PHENO AND GENOTYPE IN BLOOD GROUP TYPING – TWO SIDES OF THE COIN – PART I
3A-S02-01 [C. M. Westhoff](#)
 New York Blood Center, New York, United States
- 09:00 - 09:30** PHENO AND GENOTYPE IN BLOOD GROUP TYPING – TWO SIDES OF THE COIN – PART II
3A-S02-02 [C. Gassner](#)
 Independent Researcher, Zurich, Switzerland
- 09:30 - 09:45** REFERENCE DATABASE: THE COMPREHENSIVE DATABASE FOR RHD VARIANTS
3A-S02-03 [A. Floch](#)
 French Blood Agency, Creteil, France, Labex GR-Ex, Paris, France
- 09:45 - 10:00** AUTOMATED TYPING OF COMPLEX RH GENOTYPES FROM WHOLE GENOME SEQUENCES
3A-S02-04 [W. Lane](#)
 Brigham and Women's Hospital, Boston, United States, Harvard Medical School, Boston, United States
- 10:00 - 10:30** **Visit the Exhibition: Coffee Break**

Monday, June 24

08:30 - 10:00

Room: Sydney

Adverse Events - Blood Safety from the Perspective of the Virome

Moderators: *M. Schmidt (Germany) and C. Niederhauser (Switzerland)*

- 08:30 - 09:00** METAGENOMICS AND BLOOD-DERIVED PRODUCTS
3A-S03-01 [O. Preynat-Seauve](#)
 Geneva University Hospitals, Geneva, Switzerland
- 09:00 - 09:15** MOLECULAR- AND IMMUNO- MAGNETIC AGGLUTINATION ASSAYS ON A SINGLE ANALYTICAL PLATFORM: APPLICATION TO DIAGNOSIS OF ARBOVIRAL INFECTIONS
3A-S03-02 [C. Fournier-Wirth](#)
 Etablissement Français du Sang, Montpellier, France
- 09:15 - 09:30** ZIKA, CHIKUNGUNYA, AND DENGUE VIRUS INCIDENCE IN BLOOD DONORS IN BRAZIL 2016-2018
3A-S03-03 [B. Custer](#)
 Vitalant Research Institute, San Francisco, United States
- 09:30 - 09:45** VECTOR-BORNE DISEASES AND BLOOD TRANSFUSION SAFETY: A EUROPEAN PERSPECTIVE
3A-S03-04 [R. C. Garzon Jimenez](#)
 Sanquin, Amsterdam, Netherlands
- 09:45 - 10:00** APPLICATION OF A ZIKA VIRUS SEROLOGICAL ASSAY TO EVALUATE INFECTION RATES IN DONORS FOLLOWING THE 2016 EPIDEMIC IN PUERTO RICO
3A-S03-05 [M. Busch](#)
 Vitalant Research Institute, San Francisco, United States, University of California, San Francisco, United States
- 10:00 - 10:30** **Visit the Exhibition: Coffee Break**

Monday, June 24

08:30 - 10:00

Room: Boston

Blood Products - Blood Component Issues

Moderators: R. Cardigan (United Kingdom) and D. Goslings (Switzerland)

- 08:30 - 09:00** BENEFITS OF THAWED PLASMA IN BLOOD SUPPLY
3A-S04-01 J. J. Zwaginga
 Leiden University Medical Center, Leiden, Netherlands, Sanquin Research, Leiden, Netherlands
- 09:00 - 09:15** CHALLENGING THE 30-MINUTE RULE FOR THAWED PLASMA
3A-S04-02 S. Ramirez-Arcos
 Canadian Blood Services, Ottawa, Canada
- 09:15 - 09:30** SEX HORMONE INTAKE IN FEMALE BLOOD DONORS
 MODULATES RED BLOOD CELL SUSCEPTIBILITY TO
 SPONTANEOUS AND STRESS-INDUCED HEMOLYSIS DURING
 COLD STORAGE
3A-S04-03 T. Kanias
 Vitalant, Denver, United States
- 09:30 - 09:45** DEHT PLASTICIZER PRESERVES RED BLOOD CELL QUALITY
 WELL DURING STORAGE IN PVC BLOOD BAGS
3A-S04-04 L. Larsson
 Karolinska University Hospital, Stockholm, Sweden, Karolinska Institutet, Stockholm, Sweden
- 09:45 - 10:00** PROTEASOME MODULATION IN STORED RBCS: STORAGE AGE
 AND DONOR EFFECTS
3A-S04-05 V. Tzounakas
 National and Kapodistrian University of Athens, Athens, Greece
- 10:00 - 10:30** **Visit the Exhibition: Coffee Break**

Monday, June 24

08:30 - 10:00

Room: Shanghai

Donors and Donation - Reach and Retain Donors in Low, Medium and High Income Settings

Moderators: S.-Y. Kwon (Korea) and R. Schwabe (Switzerland)

- 08:30 - 09:00** REACH AND RETAIN DONORS IN RESOURCE POOR SETTINGS
3A-S05-01 L. Indermuehle
 Swiss Red Cross, Wabern, Switzerland
- 09:00 - 09:15** RECRUITMENT OF FUTURE BLOOD DONORS FOR SUPPLYING
 THE SAFEST BLOOD AND NATIONAL SELF SUFFICIENCY OF
 BLOOD SUPPLY
3A-S05-02 T. Ilbars
 Ministry of Health, Ankara, Turkey
- 09:15 - 09:30** EFFECTIVE METHODS FOR REACTIVATING INACTIVE BLOOD
 DONORS: A STRATIFIED RANDOMIZED CONTROLLED STUDY
3A-S05-03 J. Ou-Yang
 Guangzhou Blood Center, Guangzhou, China
- 09:30 - 09:45** PROMOTION OF VOLUNTARY BLOOD DONATIONS IN PAKISTAN
 THROUGH THE FACEBOOK BLOOD DONATION FEATURE
3A-S05-04 H. A. Zaheer
 Ministry of National Health Services, Government of Pakistan, Islamabad, Pakistan
- 09:45 - 10:00** RECRUITMENT OF BLOOD DONORS OF NON-CAUCASIAN
 ETHNICITY: THE EXPERIENCE OF A SWISS BLOOD DONATION
 CENTER
3A-S05-05 T. Ruefli
 Blood Donation Center Swiss Red Cross Basel, Switzerland
- 10:00 - 10:30** **Visit the Exhibition: Coffee Break**

Monday, June 24

10:30 - 12:00

Plenary Room: San Francisco

Plenary Session: Bridging the Gap

Moderators: I. Bates (United Kingdom) and S. Amar (Switzerland)

- 10:30 - 11:00** TRANSFUSION AND TREATMENT OF SEVERE ANAEMIA IN AFRICAN CHILDREN TRIAL (TRACT)
PL-01-01 K. Maitland
 KEMRI Wellcome Trust Research Programme, Kilifi, Kenya, Imperial College, London, United Kingdom
- 11:00 - 11:30** GLOBAL PERSPECTIVE OF ETHICS IN HEALTH SUPPLY - CRITICAL APPRAISAL
PL-01-02 S. Hurst Majno
 University of Geneva, Geneva, Switzerland
- 11:30 - 12:00** TRANSFUSION IN LIMITED INFRASTRUCTURE LOCATIONS
PL-01-03 A. Greinacher
 University Medicine, Institute for Immunology and Transfusion Medicine, Greifswald, Germany
- 12:00 - 14:00** **Visit the Exhibition, Lunch and Satellite Symposia**

Monday, June 24

14:00 - 15:30

Plenary Room: San Francisco

Immunobiology – Genotyping

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

- 14:00 - 14:30** HLA- AND BLOODGROUP-TYPING WITH NGS - ONE-STOP SHOP
3C-S06-01 G. Schöfl
 DKMS Life Science Lab, Dresden, Germany
- 14:30 - 14:45** A CUSTOMISABLE, COMPREHENSIVE SEQUENCING PANEL FOR RED CELL, PLATELET AND NEUTROPHIL GENOTYPING
3C-S06-02 E. Roulis
 Australian Red Cross Blood Service, Kelvin Grove, Australia
- 14:45 - 15:00** DONOR CHARACTERISATION: A NOVEL PLATFORM FOR COMPREHENSIVE GENOTYPING, RESULTS FROM A LARGE-SCALE STUDY
3C-S06-03 N. Gleadall
 University of Cambridge, Cambridge, United Kingdom, NHS Blood and Transplant, Cambridge, United Kingdom
- 15:00 - 15:15** FULL BLOOD GROUP GENOTYPE PROFILE BY NATIONAL BIOBANK WHOLE-GENOME SEQUENCING ANALYSIS
3C-S06-04 P. C. Wu
 Taipei Blood Center, Taipei, Taiwan - China
- 15:15 - 15:30** EXTENDED BLOOD GROUP GENOTYPING OF IMMORTALISED ERYTHROID CELL LINE BEL-A2 USING NEXT GENERATION WHOLE EXOME SEQUENCING
3C-S06-05 R. Javed
 University of Bristol, Bristol, United Kingdom, TATA Medical Center, Kolkata, India
- 15:30 - 16:00** **Visit the Exhibition: Coffee Break**

Monday, June 24

14:00 - 15:30
Room: **Montreal**

Clinical - Focus on Pediatrics

Moderators: *J. Hendrickson (United States) and J. Rössler (Switzerland)*

- 14:00 - 14:30** ITP TREATMENT IN PAEDIATRIC PATIENTS
3C-S07-01 S. Holzhauer
Charité – Universitätsmedizin Berlin, Berlin, Germany
- 14:30 - 14:45** INTERNATIONAL VARIATION IN PLATELET TRANSFUSIONS
3C-S07-02 PRACTICES AMONG CRITICALLY ILL CHILDREN
M. Nellis
Weill Cornell Medicine, New York, United States
- 14:45 - 15:00** PROPHYLACTIC PLATELET TRANSFUSION IN PEDIATRIC
3C-S07-03 PATIENTS WITH CANCERS: BAMBINO GESU' CHILDREN'S
HOSPITAL EXPERIENCE
P. Berti
IRCCS Bambino Gesù Children's Hospital, Rome, Italy
- 15:00 - 15:15** THE RESULTS OF TRANSFUSIONS OF PATHOGEN-REDUCED
3C-S07-04 RED BLOOD CELL SUSPENSIONS IN CHILDREN WITH
ONCOLOGICAL AND HEMATOLOGICAL DISEASES
I. Kumukova
National Medical Research Center for Pediatric Hematology,
Oncology and Immunology, Moscow, Russia
- 15:15 - 15:30** 5-YEAR –TEMPORAL TRENDS IN PERIOPERATIVE RED CELL
3C-S07-05 TRANSFUSIONS IN CHILDREN: NATIONALLY REPRESENTATIVE
DATA FROM A LARGE PROSPECTIVE NORTH AMERICAN
REGISTRY
A. Gupta
Vanderbilt University, Nashville, United States
- 15:30 - 16:00** **Visit the Exhibition: Coffee Break**

Monday, June 24

14:00 - 15:30
Room: **Sydney**

Adverse Events - TTI, Immune Interactions and Risk

Moderators: *S. Sauleda (Spain) and J. Gottschalk (Switzerland)*

- 14:00 - 14:30** TTI AND PATIENTS WITH IMMUNE DEFICIENCY: SELECTED
3C-S08-01 BLOOD PRODUCTS OR CLOSE MONITORING
H. Hirsch
University of Basel, Basel, Switzerland
- 14:30 - 14:45** CHARACTERIZATION OF HEPATITIS B VIRUS STRAINS
3C-S08-02 INFECTING BLOOD DONORS WITH HIGH HBSAG LEVELS AND
INCONSISTENTLY DETECTABLE HBV DNA: IMPLICATIONS FOR
BLOOD SAFETY AND SCREENING POLICY
D. Candotti
National Institute of Blood Transfusion, Paris, France
- 14:45 - 15:00** HEPATITIS B VIRUS INFECTION AFTER VACCINATION IN A
3C-S08-03 BLOOD DONOR: A CASE REPORT
A. Brassel
Interregional Blood Transfusion SRC, Bern, Switzerland
- 15:00 - 15:15** ANALYSIS OF SERUM HEPATITIS B CORE-RELATED ANTIGEN
3C-S08-04 (HBCRAG) IN BLOOD DONORS WITH OCCULT HEPATITIS B
VIRUS INFECTION
M. Spreafico
Azienda Socio-Sanitaria Territoriale (ASST) di Lecco, Lecco, Italy
- 15:15 - 15:30** ANALYSIS OF T CELL IMMUNOLOGICAL CHARACTERISTICS OF
3C-S08-05 OCCULT HEPATITIS B INFECTION
X. Rong
Guangzhou Blood center, Guangzhou, China, Southern Medical
University, Guangzhou, China
- 15:30 - 16:00** **Visit the Exhibition: Coffee Break**

Monday, June 24

14:00 - 15:30

Room: Boston

Young Investigators - Excellence in Transfusion

Moderators: M.L. Olsson (Sweden) and J.W. Semple (Sweden)

14:00 - 14:15 DEVELOPMENT OF SCENARIOS FOR THE FUTURE DEMAND OF BLOOD PRODUCTS IN THE NETHERLANDS: SCENARIO SESSIONS
3C-S09-01

P. Langi Sasongko
Sanquin, Amsterdam, Netherlands

14:15 - 14:30 POLYGENIC RISK SCORES BASED ON PLASMA FERRITIN DO NOT PREDICT TIREDNESS/LACK OF ENERGY IN FEMALE BLOOD DONORS – RESULTS FROM THE DANISH BLOOD DONOR STUDY
3C-S09-02

J. Dowsett
Copenhagen University Hospital, Copenhagen, Denmark

14:30 - 14:45 HIV-1 MOLECULAR EPIDEMIOLOGY AND PREVALENCE OF RESISTANCE ASSOCIATED MUTATIONS IN TREATMENT NAIVE BLOOD DONORS FROM CHINA
3C-S09-03

J. Zhao
National Center for Clinical Laboratories, Beijing Hospital, National Center of Gerontology, Engineering Research Center of Laboratory Medicine, Graduate School, Peking Union Medical College, Chinese Academy of Medical Sciences, Beijing, China

14:45 - 15:00 BIOTINYLATION OF PLATELETS FOR TRANSFUSION PURPOSES- A NOVEL METHOD TO LABEL PLATELETS IN A CLOSED SYSTEM
3C-S09-04

S. de Bruin
Sanquin Research and Landsteiner Laboratory, Amsterdam, Netherlands, Amsterdam University Medical Centers, location AMC, Amsterdam, Netherlands

15:00 - 15:15 THE A1 INSULATOR REDUCES THE GENOTOXICITY OF A BETA-GLOBIN LENTIVIRAL VECTOR
3C-S09-05

G. Kalfsounis
George Papanicolaou Hospital, Thessaloniki, Greece

15:15 - 15:30 WEAK D ANTIGEN EXPRESSION COMMONLY RESULTS FROM SPLICING ALTERATION: CHARACTERIZATION OF NOVEL SPLICE SITE VARIANTS AND CORRELATION BETWEEN IN SILICO PREDICTIONS AND EXTENSIVE FUNCTIONAL STUDIES
3C-S09-06

L. Raud
UMR1078 Genetics, Functional Genomics and Biotechnology, Inserm, EFS, UBO, Brest, France, Laboratory of Excellence GR-Ex, Brest, France

15:30 - 16:00 **Visit the Exhibition: Coffee Break**

Monday, June 24

14:00 - 15:30
Room: Shanghai

Donors and Donation - Blood Donor Retention & the Role of Side Effects

Moderators: J. Tiberghien (France) and L. Infanti (Switzerland)

- 14:00 - 14:30** INCENTIVES FOR BLOOD DONORS: DONOR RETURN RATE AMONG COMPENSATED AND NON-COMPENSATED BLOOD DONORS
3C-S10-01
M. Müller-Steinhardt
 Medical Faculty Mannheim, Heidelberg University, Mannheim, Germany, Red Cross Blood Service Baden-Württemberg - Hessen, Mannheim, Germany
- 14:30 - 14:45** DEFERRAL AS THE POINT OF NO RETURN: A MIXED METHODS APPROACH TO UNDERSTANDING WHOLE BLOOD DONOR LAPSE AFTER TEMPORARY DEFERRAL
3C-S10-02
M. L. Spekman
 Sanquin, Amsterdam, Netherlands, VU Amsterdam, Amsterdam, Netherlands
- 14:45 - 15:00** PREDICTION OF HEMOGLOBIN IN BLOOD DONORS USING A LATENT CLASS MIXED-EFFECTS TRANSITION MODEL
3C-S10-03
J. van Rosmalen
 Erasmus MC, Rotterdam, Netherlands
- 15:00 - 15:15** AN INTERVENTION STUDY FOR THE PREVENTION OF VASOVAGAL REACTIONS: ANALYSIS OF DONORS' RETURN FOR SUBSEQUENT DONATION
3C-S10-04
J. C. Wiersum
 TRIP and Sanquin, Leiden, Netherlands
- 15:15 - 15:30** HEALTH STATUS, DONATION PATTERNS, AND IRON-DEFICIENCY IN OLDER BLOOD DONORS- EVIDENCE FROM A LARGE POPULATION-BASED COHORT AND HEALTH SERVICES USE DATA
3C-S10-05
S. Karki
 Australian Red Cross Blood Service, Sydney, Australia
- 15:30 - 16:00** **Visit the Exhibition: Coffee Break**

Monday, June 24

14:00 - 15:30
Room: Delhi



Transfusion Practitioner Session Anaemia management - The importance of the Transfusion Practitioner in the multidisciplinary team

Moderators: C. So-Osman (Netherlands) and J. Vanden Broeck (Belgium)

- 14:00 - 14:20** THE IMPORTANCE OF ANAEMIA MANAGEMENT AND IMPACT IN THE HEALTH CARE SETTING
3C-TP01-01
A. Mo
 Monash University, Melbourne, Australia, Monash Health, Clayton, Australia, Austin Health, Heidelberg, Australia
- 14:20 - 15:00** ANAEMIA ASSESSMENT & MANAGEMENT: THE TP'S ROLE - PROCESSES, TIPS AND RESOURCES FOR CREATING CHANGE
3C-TP01-02
L. Bielby & R. Moss
 Victoria and Australian Red Cross Blood Service, Blood Matters, West Melbourne, Australia
 Great Ormond Street Hospital for Children NHS Foundation Trust, London, United Kingdom
- 15:00 - 15:30** PANEL DISCUSSION
3C-TP01-03
 L. Bielby, R. Moss, C. So-Osman, A. Mo
- 15:30 - 16:00** **Visit the Exhibition: Coffee Break**

Monday, June 24

16:00 - 17:30

Plenary Room: San Francisco

Immunobiology - Red Blood Cell Destruction and Immune Regulation

Moderators: F. Pirenne (France) and S. Waldvogel (Switzerland)

- 16:00 - 16:30** INNATE IMMUNITY AND IMMUNE HAEMOLYTIC ANAEMIA
3D-S11-01 [S.S. Zeerleder](#)
 Inselspital Bern, Bern, Switzerland
- 16:30 - 17:00** UNDERSTANDING ERYTHROCYTE CLEARANCE
3D-S11-02 [P. Buffet](#)
 Institut National de la Transfusion Sanguine, Paris, France
- 17:00 - 17:30** RED BLOOD CELLS AS MODULATORS OF INNATE IMMUNITY
3D-S11-03 [R. Riganò](#)
 Istituto Superiore di Sanità, Rome, Italy

Monday, June 24

16:00 - 17:30

Room: Montreal

Clinical - Haemoglobinopathies; State of the Art

Moderators: A. Al-Riyami (Oman) and M. Schmugge (Switzerland)

- 16:00 - 16:30** TRANSFUSION THERAPY IN SICKLE CELL DISEASE: WHICH INDICATIONS AND FOR HOW LONG?
3D-S12-01 [K. Yazdanbakhsh](#)
 New York Blood Center, New York, NY, United States
- 16:30 - 17:00** TREATMENT OF THALASSAEMIA
3D-S12-02 [Y. Aydinok](#)
 Ege University, Faculty of Medicine, Bornova/Izmir, Turkey
- 17:00 - 17:15** SAFEGUARDING BLOOD SAFETY FOR PATIENTS WITH THALASSAEMIA
3D-S12-03 [C. Politis](#)
 Hellenic Centre for Disease Control and Prevention, Athens, Greece
- 17:15 - 17:30** HEPCIDIN GENE POLYMORPHISMS AND IRON OVERLOAD IN MAJOR β -THALASSEMIA PATIENTS REFRACTORY TO IRON CHELATING THERAPY
3D-S12-04 [P. Zarghamian](#)
 High Institute for Research and Education in Transfusion Medicine, Tehran, Iran

Monday, June 24

16:00 - 17:30
Room: Sydney

Adverse Events - Update on Retroviruses in Transfusion Medicine

Moderators: M. Vermeulen (Netherlands) and H. Hirsch (Switzerland)

- 16:00 - 16:30** ENDING AIDS IN AFRICA - VISION OR ILLUSION?
3D-S13-01 [N. Labhardt](#)
 Swiss Tropical and Public Health Institute, Basel, Switzerland
- 16:30 - 16:45** EVOLVING BLOOD DONOR DEFERRAL POLICY FOR MEN WHO
 HAVE SEX WITH MEN IN FRANCE: IMPACT ON THE RISK OF
 HIV TRANSMISSION BY TRANSFUSION
3D-S13-02 [J. Pillonel](#)
 Santé publique France, Saint-Maurice, France
- 16:45 - 17:00** RISK FACTORS FOR RECENTLY ACQUIRED HIV INFECTION IN
 BLOOD DONORS IN SOUTH AFRICA
3D-S13-03 [K. van den Berg](#)
 South African National Blood Service, Port Elizabeth, South Africa,
 University of Cape Town, Cape Town, South Africa
- 17:00 - 17:15** HIV-1 CLUSTERS AND RISK FACTORS IN BLOOD DONORS
 FOUND POSITIVE FOR HIV IN FRANCE
3D-S13-04 [P. Cappy](#)
 INTS, Paris, France
- 17:15 - 17:30** FROM UNIVERSAL TO SELECTIVE HTLV SCREENING IN THE UK
3D-S13-05 [K. Davison](#)
 Public Health England, London, United Kingdom

Monday, June 24

16:00 - 17:30
Room: Boston

Management and Organisation - Improving Transfusion Organisation and Practice

Moderators: P. Flanagan (New Zealand) and A. Sarraj (Switzerland)

- 16:00 - 16:30** MANAGEMENT OF BLOOD SUPPLY IN A COUNTRY WITH LONG
3D-S14-01 DISTANCES
[M. Syrjäla](#)
 Finnish Red Cross, Helsinki, Finland
- 16:30 - 16:45** EDUCATING THE MASSES: THE USE OF ELEARNING IN
3D-S14-02 TRANSFUSION MEDICINE
[D. Peterson](#)
 BloodSafe eLearning Australia, North Adelaide, Australia
- 16:45 - 17:00** PROSPECTIVE PLATELET AUDITING: ANALYSIS OF TRAINEE
3D-S14-03 COMPLIANCE WITH GUIDELINES
[S. Vossoughi](#)
 Columbia University, New York, United States
- 17:00 - 17:15** WHAT CAN WE LEARN FROM HOW ADVERSE EVENTS ARE
3D-S14-04 DETECTED?
[Ø. Flesland](#)
 Norwegian Directorate of Health, Oslo, Norway
- 17:15 - 17:30** HEMOGLOBIN MEASUREMENT – HOW TO EVALUATE NURSES'
3D-S14-05 COMPETENCE AND THE ACCURACY OF THE POINT-OF-CARE
 (POC) METHOD
[J. Castrén](#)
 Finnish Red Cross Blood Service, Helsinki, Finland

Monday, June 24

16:00 - 17:30

Room: Shanghai

Donors and Donation - Blood Donation; Iron Loss, Anemia and Beyond

Moderators: *K. Magnusen (Denmark) and A. Holbro (Switzerland)*

INTERACTIVE

16:00 - 16:30 BLOOD DONATION AND IRON LOSS, WHAT ARE THE IMPLICATIONS?
3D-S15-01

M.G.J. van Kraaij
Sanquin Blood Supply, Amsterdam, Netherlands

16:30 - 16:45 SUPERDONORS – GENETIC RISK PROFILE AND RISK OF LOW HEMOGLOBIN DEFERRAL
3D-S15-02

A. S. Rigas
University Hospital Copenhagen, Copenhagen, Denmark

16:45 - 17:00 MODELING OPTIMAL INTER-DONATION INTERVALS WITH PERSONALIZED RISK ASSESSMENT FOR ADVERSE IRON OUTCOMES
3D-S15-03

W. A. Russell
Stanford University, Stanford, United States, Vitalant Research Institute, San Francisco, United States

17:00 - 17:15 A COMPOSITE MEASURE OF HEME IRON CONSUMPTION PREDICTS INCIDENT IRON DEPLETION IN REPEAT BLOOD DONORS
3D-S15-04

B. R. Spencer
American Red Cross, Dedham, MA, United States

17:15 - 17:30 DIETARY INTAKE OF HEME IRON IS ASSOCIATED WITH FERRITIN AND HB LEVELS IN DUTCH BLOOD DONORS: RESULTS FROM DONOR INSIGHT
3D-S15-05

K. van den Hurk
Sanquin Research, Amsterdam, Netherlands

Programme at a Glance
Tuesday, June 25

- Plenary Session
- Blood Products
- Clinical
- Cellular Therapies
- Donors / Donation
- Adverse events
- Immunobiology of Blood Cells
- Management & Organization
- Other Sessions

Time	San Francisco	Montreal	Sydney	Boston	Shanghai	Delhi	Kairo 2
08:30 - 10:00	4A-S16 What's New in Blood Cell Autoimmunity INTERACTIVE	4A-S17 Patient Blood Management	4A-S18 Current Relevance of Viruses, Parasites and Bacteria Infections in Transfusion Medicine		4A-S19 Tools for Personalized Donor Care	Workshop on How to improve Your Scientific Writing	
10:00 - 10:30			Visit the Exhibition: Coffee Break				
10:30 - 12:00	Pl-02 Plenary Session Big Data						
12:00 - 14:00							
13:00 - 13:45							
14:00 - 15:30	4C-S20 Novel Blood Group Alleles	4C-S21 What's the matter with Platelet Function?	4C-S22 Severe Adverse Events other than TTID INTERACTIVE	4C-S23 Challenges in Resource Limited Settings	4C-S24 Blood Component Collection - Effects on Donors and Recipients	ISBT General Assembly	Transfusion Practitioner Networking session
15:30 - 16:00			Visit the Exhibition: Coffee Break				
16:00 - 17:30	4D-S25 Platelet Alloimmunity		4D-S26 Evaluation of New Screening Platforms Assays	4D-S27 Reaching Out for More	4D-S28 Approaches to Safe Donors		
17:30 - 18:30			Poster Session				
18:30 - 23:30			Congress Party (Markthalle, Basel). Tickets available at the Registration Services desk. (EUR 50)				

Programme
Tuesday, June 25

Tuesday, June 25

08:30 - 10:00

Room: Delhi

Workshop on How to Improve Your Scientific Writing

A highly interactive workshop that presents a reader-centered bottom line first approach to writing scientific papers. We will, among others, answer questions like: Who is going to read this, and why? Where do I begin? Can I use "me, myself and I"? Why are there so many referencing styles? Participants are encouraged to bring their own questions and please feel free to bring a paper that you're working on.

The workshop will be hosted by Bob van der Laaken.

Tuesday, June 25

08:30 - 10:00

Plenary Room: San Francisco

Immunobiology - What's New in Blood Cell Autoimmunity

Moderators: R. Petermann (France) and S.S. Zeerleder (Switzerland)

08:30 - 09:00
4A-S16-01

DETECTION OF PLATELET AUTOANTIBODIES TO IDENTIFY ITP STATE OF THE ART

M. de Haas

Sanquin, Amsterdam, Netherlands, Sanquin, Leiden, Netherlands, LUMC, Leiden, Netherlands

09:00 - 09:15
4A-S16-02

THROMBOPOIETIN RECEPTOR AGONIST (TPO-RA) TREATMENT RAISES PLATELET COUNTS AND INDUCES IMMUNOMODULATION IN IMMUNE THROMBOCYTOPENIA (ITP).

J. W. Semple

Lund University, Lund, Sweden

09:15 - 09:30
4A-S16-03

AUTOANTIBODY MEDIATED CHANGES IN PLATELETS GLYCAN PATTERN: POTENTIAL IMPACT ON PLATELET FUNCTION AND LIFESPAN IN IMMUNE THROMBOCYTOPENIA

T. Bakchoul

Medical Faculty of Tübingen, Centre for Clinical Transfusion Medicine ZKT GmbH, Tübingen, Germany

09:30 - 09:45
4A-S16-04

AUTOIMMUNE HEMOLYTIC ANEMIA: SEROLOGICAL CHARACTERISTICS AND TRANSFUSION CHALLENGES

M. Raos

Clinical Hospital Centre Zagreb, Zagreb, Croatia

09:45 - 10:00
4A-S16-05

AUTOIMMUNE HAEMOLYTIC ANAEMIA: A SURVEY OF DIAGNOSTIC AND MANAGEMENT PRACTICE IN ENGLAND

A. Charlton

NHS Blood and Transplant, Newcastle upon Tyne, United Kingdom

10:00 - 10:30 Visit the Exhibition: Coffee Break

Tuesday, June 25

08:30 - 10:00

Room: **Montreal**

Clinical - Patient Blood Management

Moderators: *E. Wood (Australia) and O. Theusinger (Switzerland)*

- 08:30 - 09:00** AN UPDATE ON PATIENT BLOOD MANAGEMENT
4A-S17-01 [K. Pavenski](#)
St. Michael's Hospital, Toronto, Canada
- 09:00 - 09:15** LOW VS. HIGH HEMOGLOBIN TRIGGER FOR TRANSFUSION
4A-S17-02 IN VASCULAR SURGERY (TV): A RANDOMIZED CLINICAL
FEASIBILITY TRIAL (THE TV TRIAL)
[A. Møller](#)
Slagelse Hospital, Slagelse, Denmark
- 09:15 - 09:30** REDUCTION OF RED CELL UTILIZATION BY A HB-TRIGGERED
4A-S17-03 SINGLE-UNIT TRANSFUSION POLICY IN AN INPATIENT
HEMATO-ONCOLOGICAL PATIENT POPULATION: A
RETROSPECTIVE SINGLE-CENTRE ANALYSIS
[H. de Lijl](#)
Radboudumc, Nijmegen, Netherlands
- 09:30 - 09:45** ASSESSMENT OF HB CONTENT OF PACKED RED CELLS (PRBC):
4A-S17-04 IS IT TIME TO LABEL EACH UNIT WITH HB CONTENT?
[R. Jain](#)
AIIMS, New Delhi, India
- 09:45 - 10:00** EVALUATION OF CLINICAL PRACTICES OF RED BLOOD CELL
4A-S17-05 TRANSFUSIONS IN A TERTIARY CARE ONCOLOGY CENTRE
[N. V. More](#)
Tata Memorial Centre, Homi Bhabha National Institute, Mumbai,
India
- 10:00 - 10:30** **Visit the Exhibition: Coffee Break**

Tuesday, June 25

08:30 - 10:00

Room: **Sydney**

Adverse Events - Current Relevance of Viruses, Parasites and Bacteria Infections in Transfusion Medicine

Moderators: *D. Leiby (United States) and C. Tinguely (Switzerland)*

- 08:30 - 09:00** APPROACHES TO CONTROL INFECTIONS IN VARIOUS
4A-S18-01 SETTINGS
[C. M. Neublting](#)
Paul-Ehrlich-Institut, Langen, Germany
- 09:00 - 09:15** DETECTION OF BABESIA IN US BLOOD DONORS
4A-S18-02 [L. Pate](#)
Roche Molecular Systems, Pleasanton, United States
- 09:15 - 09:30** PREVALENCE OF BABESIA MICROTI IN CANADIAN BLOOD
4A-S18-03 DONORS
[S. O'Brien](#)
Canadian Blood Services, Ottawa, Canada
- 09:30 - 09:45** SEROEPIDEMIOLOGY OF TOXOPLASMA GONDII IN BLOOD
4A-S18-04 DONORS IN PORTUGAL
[F. Teixeira Rodrigues](#)
University of Trás-os-Montes and Alto Douro (UTAD), Vila Real,
Portugal
- 09:45 - 10:00** WHO IS SYPHILIS TESTING EXCLUDING?
4A-S18-05 [C. Reynolds](#)
NHS Blood and Transplant, London, United Kingdom
- 10:00 - 10:30** **Visit the Exhibition: Coffee Break**

Tuesday, June 25

08:30 - 10:00
Room: Shanghai

Donors and Donation - Tools for Personalised Donor Care

Moderators: M. Goldman (Canada) and S. Fontana (Switzerland)

- 08:30 - 09:00** CURRENT OPINION IN DONOR HEALTH – PERSONALISED DONOR CARE
4A-S19-01 [C. Erikstrup](#)
 Aarhus University Hospital, Aarhus, Denmark
- 09:00 - 09:15** PILOT OF DONOR ADVERSE EVENT SEVERITY GRADING TOOL IN A LARGE BLOOD COLLECTION CENTER
4A-S19-02 [M. Townsend](#)
 Vitalant, Scottsdale, United States
- 09:15 - 09:30** COMPLICATIONS OF BLOOD DONATION: ELEVEN YEARS OF INTERNATIONAL DATA
4A-S19-03 [J. C. Wiersum](#)
 TRIP and Sanquin, Leiden, Netherlands
- 09:30 - 09:45** IMPLEMENTING FERRITIN TESTING IN STOCKHOLM – FIRST REPORT
4A-S19-04 [M. K. Kvist](#)
 Karolinska University Hospital, Stockholm, Sweden
- 09:45 - 10:00** FERRITIN SCREENING IN THE NETHERLANDS: FIRST RESULTS FROM A NATION WIDE DONOR DEFERRAL POLICY
4A-S19-05 [M. Vinkenog](#)
 Sanquin, Amsterdam, Netherlands
- 10:00 - 10:30** **Visit the Exhibition: Coffee Break**

Tuesday, June 25

10:30 - 12:00
Plenary Room: San Francisco
Plenary Session: Big Data

Moderators: H. Ullum (Denmark) and S. Meyer (Switzerland)

- 10:30 - 11:00** THE 100,000 GENOMES PROJECT: HOW BIG DATA HELP PATIENTS WITH RARE DISEASES (... AND RARE BLOOD GROUPS)
PL-02-01 [W. Ouwehand](#)
 University of Cambridge, Cambridge, United Kingdom
- 11:00 - 11:30** MOLECULAR GENETICS TO GENOMICS
PL-02-02 [F. Yamamoto](#)
 Josep Carreras Leukaemia Research Institute (IJC), Badalona, Spain, Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol (IGTP), Badalona, Spain
- 11:30 - 12:00** METHODOLOGICAL CONSIDERATIONS FOR BIG DATA APPROACHES TO TRANSFUSION MEDICINE RESEARCH
PL-02-03 [N. Roubinian](#)
 Kaiser Permanente Division of Research, Oakland, United States, Vitalant Research Institute, San Francisco, United States, University of California, San Francisco, United States
- 12:00 - 14:00** **Visit the Exhibition, Lunch and Satellite Symposia**

Tuesday, June 25

14:00 - 15:30

Plenary Room: San Francisco

Immunobiology - Novel Blood Group Alleles

Moderators: C.E. van der Schoot (Netherlands) and S. Lejon Crottet (Switzerland)

14:00 - 14:15 A LARGE DELETION SPANNING XG AND GYG2 CONSTITUTES A
4C-S20-01 GENETIC BASIS OF THE XG_{NULL} PHENOTYPE, UNDERLYING ANTI-Xg^a PRODUCTION

Y. Q. Lee

Lund University, Lund, Sweden

14:15 - 14:30 GYPB*^S WITH TWO SILENCING CHANGES COMMONLY
4C-S20-02 INHERITED INDEPENDENTLY

J. E. Aeschlimann

NYBC, Long Island City, United States

14:30 - 14:45 A LUTHERAN RELATED ANTIBODY DETECTED IN A PATIENT
4C-S20-03 WITH A HOMOZYGOUS MISSENSE BCAM MUTATION INDICATING A NOVEL ANTIGEN OF THE SYSTEM

L. Muncher

Magen David Adom, Ramat-Gan, Israel

14:45 - 15:00 A NOVEL HIGH FREQUENCY ANTIGEN IN THE LUTHERAN
4C-S20-04 BLOOD GROUP SYSTEM (LUNU)

V. Karamatic Crew

NHS Blood and Transplant, Bristol, United Kingdom

15:00 - 15:15 CHARACTERIZATION OF A NOVEL HIGH-PREVALENCE ANTIGEN
4C-S20-05 IN THE JMH BLOOD GROUP SYSTEM

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

15:15 - 15:30 β 1,3GalNAc-T1-DEPENDENT EXTENSION OF THE HUMAN
4C-S20-06 BLOOD GROUP B ANTIGEN RESULTS IN A NOVEL ABO-RELATED GLYCOLIPID STRUCTURE ON ERYTHROCYTES

J. Ricci Hagman

Lund University, Lund, Sweden, University Laboratories, Region Skåne, Lund, Sweden

15:30 - 16:00 **Visit the Exhibition: Coffee Break**

Tuesday, June 25

14:00 - 15:30

Room: Montreal

Clinical - What's the matter with Platelet Function?

Moderators: J.J. Zwaginga (Netherlands) and G. Canellini (Switzerland)

14:00 - 14:30 AN UPDATE ON ANTI PLATELET AGENTS

4C-S21-01 D. Cox

Royal College of Surgeons in Ireland, Dublin, Ireland

14:30 - 15:00 PLATELET FUNCTION MEASUREMENTS IN TRANSFUSION
4C-S21-02 MEDICINE

P. Fontana

University Hospitals of Geneva, Geneva, Switzerland

15:00 - 15:15 PLATELET COMPATIBILITY AND PLATELET ANTIBODIES
4C-S21-03 DETECTION: A STEP TOWARDS RESOLVING DILEMMA IN MANAGEMENT OF PLATELET REFRACTORINESS IN ONCOLOGY PATIENTS

S. Mangwana

Sri Balaji Action Medical Institute, New Delhi, India

15:15 - 15:30 ASSESSMENT OF CORRELATION OF PLATELET CROSSMATCH
4C-S21-04 RESULTS BY SOLID PHASE RED CELL ADHERENCE ASSAY (SPRCA) WITH POST-TRANSFUSION PLATELET COUNT INCREMENT IN ADULT HEMATO-ONCOLOGY PATIENTS

P. B. Sontakke

Tata Memorial Centre, Mumbai, India

15:30 - 16:00 **Visit the Exhibition: Coffee Break**

Tuesday, June 25

14:00 - 15:30
Room: Sydney

Adverse Events - Severe Adverse Events other than TTID

Moderators: Y.L. Fung (Australia) and R. Henschler (Germany)

14:00 - 14:30 UPDATE ON TRALI/TACO AND TAD (AABB PRE MEETING)
4C-S22-01 [A. Vlaar](#)
Amsterdam UMC, Amsterdam, Netherlands

14:30 - 15:00 IRON OVERLOAD FROM TRANSFUSION AND IMPACT ON TRANSPLANT OUTCOMES
4C-S22-02 [E. Angelucci](#)
IRCCS Ospedale Policlinico San Martino, Genova, Italy

15:00 - 15:30 IMPACT OF BLOOD DONOR SEX ON RECIPIENT OUTCOMES
4C-S22-03 [R. A. Middelburg](#)
Sanquin Research, Leiden, Netherlands, Leiden University Medical Center, Leiden, Netherlands

15:30 - 16:00 **Visit the Exhibition: Coffee Break**

Tuesday, June 25

14:00 - 15:30
Room: Boston

Management and Organisation - Challenges in Resource Limited Settings

Moderators: R. Reddy (South Africa) and D. Castelli (Switzerland)

14:00 - 14:30 CHALLENGES OF BLOOD COMPONENT THERAPY IN SUB-SAHARA AFRICA
4C-S23-01 [J. Mulenga](#)
Zambia National Blood Transfusion Service, Lusaka, Zambia

14:30 - 15:00 CHALLENGES OF CLINICAL TRIALS IN RESOURCE LIMITED SETTINGS
4C-S23-02 [A. Kambugu](#)
Infectious Diseases Institute, Makerere University, Kampala, Uganda

15:00 - 15:30 TOWARD AN APPROPRIATE PATHOGEN REDUCTION TECHNOLOGY FOR WHOLE BLOOD IN RESOURCE-LIMITED SETTINGS
4C-S23-03 [S. Amar](#)
Transfusion CRS Suisse, Bern, Switzerland

15:30 - 16:00

Visit the Exhibition: Coffee Break

14:00 - 15:30
Room: Kairo 2



The Transfusion Practitioner networking session

The Transfusion Practitioner (TP) networking session and is a perfect opportunity for TPs to meet and connect with transfusion colleagues, network and discuss common interests within the field of international transfusion.

Tuesday, June 25

14:00 - 15:30
Room: Shanghai

Donors and Donation - Blood Component Collection - Effects on Donors and Recipients

Moderators: E. McSweeney (Ireland) and H. Andreu-Ullrich (Switzerland)

- 14:00 - 14:18** BRINGING FIRST-TIME PLASMA DONORS BACK: FINDINGS OF AN INTERVENTION STUDY
4C-S24-01 T.E. Davison
 Australian Red Cross Blood Service, Melbourne, Australia
- 14:18 - 14:36** DOUBLE-ERYTHROCYTE APHERESIS VERSUS CONVENTIONAL WHOLE BLOOD PHLEBOTOMY AS IRON DEPLETION TREATMENT IN HEALTHY CARRIERS OF HFE MUTATIONS WITH HYPERFERRITINEMIA
4C-S24-02 L. Infanti
 Blood Donation Center Swiss Red Cross Basel, Switzerland, University Hospital, Basel, Switzerland
- 14:36 - 14:54** LONG- TERM COURSE OF HEMOGLOBIN AND FERRITIN VALUES IN HIGH-FREQUENCY BLOOD DONORS DONATING WHOLE BLOOD OR DOUBLE ERYTHROCYTE APHERESIS
4C-S24-03 V. Pehlic
 Blood Donation Centre Basel, Switzerland
- 14:54 - 15:12** IMPACT OF HYDROXYETHYL STARCH AND MODIFIED FLUID GELATIN ON GRANULOCYTE PHENOTYPE AND FUNCTION
4C-S24-04 N. Doblinger
 University Hospital Regensburg, Regensburg, Germany
- 15:12 - 15:30** PLATELETPHERESIS DONATIONS AND DONOR RISK OF SUSTAINED THROMBOPENIA
4C-S24-05 J.-Y. Py
 EFS Centre Pays de la Loire, Saint Jean de la Ruelle, France
- 15:30 - 16:00** **Visit the Exhibition: Coffee Break**

Tuesday, June 25

16:00 - 17:30
Plenary Room: San Francisco
Immunobiology - Platelet Alloimmunity

Moderators: E. Muniz-Diaz (Spain) and I. Hegemann (Switzerland)

- 16:00 - 16:30** HLA IN BLOOD TRANSFUSION
4D-S25-01 Z. Grubic
 University Hospital Centre Zagreb, Zagreb, Croatia
- 16:30 - 16:45** SURFACE PLASMON RESONANCE-BASED DETECTION OF ANTI-HPA 1A ANTIBODY GLYCOSYLATION, AN ASSAY TO PREDICT DISEASE SEVERITY IN ALLOIMMUNE CYTOPENIAS
4D-S25-02 Z. Sztitner
 Sanquin Research, and Landsteiner Laboratory, Amsterdam, Netherlands
- 16:45 - 17:00** RESULTS OF HPA-1A SCREENING PROGRAM FOR IDENTIFICATION OF PREGNANT WOMEN AT RISK OF FOETAL/NEONATAL ALLOIMMUNE THROMBOCYTOPENIA (FNAIT)
4D-S25-03 E. Brojer
 Institute of Hematology and Transfusion Medicine, Warsaw, Poland
- 17:00 - 17:15** PLATELET ALLOIMMUNIZATION AND CLINICAL MANIFESTATIONS IN THE MATERNO-FOETAL CONTEXT
4D-S25-04 R. Petermann
 Centre de Recherche des Cordeliers, INSERM, USPC, Université Paris Descartes, Université Paris, Paris, France
- 17:15 - 17:30** FAST AND LOW-COST MATERNAL HPA-1A TYPING ELISA FOR HIGH-THROUGHPUT SCREENING OF WOMEN AT RISK FOR FNAIT
4D-S25-05 C.E. van der Schoot
 Sanquin, Amsterdam, Netherlands
- 17:30 - 18:30** **Poster Session**

Tuesday, June 25

16:00 - 17:30
Room: Sydney

Adverse Events - Evaluation of New Screening Platforms/Assays

Moderators: B. Custer (United States) and H. Hirsch (Switzerland)

- 16:00 - 16:15** EVALUATING AN AUTOMATED CMV SCREENING ASSAY AT THE
4D-S26-01 IBTS- A CHALLENGING PROCESS FOR BLOOD SCREENING LABORATORIES
D. Coyne
 Irish Blood Transfusion Service, Dublin, Ireland
- 16:15 - 16:30** DRIED PLASMA SPOT TESTING – THE ANSWER FOR MAKING
4D-S26-02 BLOOD TRANSFUSION TESTING SAFER IN AFRICA?
C. Pistorius
 Western Cape Blood Service, Cape Town, South Africa
- 16:30 - 16:45** EXPERIENCE WITH THE ALINITY S ASSAYS AFTER 5 MONTHS
4D-S26-03 OF ROUTINE USE IN HIGH-VOLUME BLOOD DONATION SCREENING
A. van Weert
 Sanquin Bloodsupply, Amsterdam, Netherlands
- 16:45 - 17:00** EVALUATION OF THE USABILITY OF THE NEWLY LAUNCHED
4D-S26-04 ALINITY S AND THE SPECIFICITY OF HIV COMBO, ANTI-HCV, HBSAG AND SYPHILIS IN A BLOOD DONOR SCREENING SETTING
C. Tinguely
 Interregionale Blutspende SRK AG, Bern, Switzerland
- 17:00 - 17:15** EVALUATING THE CLINICAL PERFORMANCE OF ELECSYS®
4D-S26-05 INFECTIOUS DISEASE PARAMETERS ON THE COBAS E 801 ANALYSER FOR ROUTINE FIRST-TIME BLOOD DONOR SCREENING
F. Langen
 Roche Diagnostics GmbH, Penzberg, Germany
- 17:15 - 17:30** SIDE BY SIDE COMPARISON OF SPECIFICITY OF ALINITY S AND
4D-S26-06 COBAS E801 SEROLOGICAL ASSAYS IN SERUM AND PLASMA SAMPLES
E. M. Wagner
 Takeda, Vienna, Austria
- 17:30 - 18:30** **Poster Session**

Tuesday, June 25

16:00 - 17:30
Room: Boston

Cellular Therapies - Reaching Out for More

Moderators: E. Seifried (Germany) and J. Passweg (Switzerland)

- 16:00 - 16:30** TUMOUR SPECIFIC CELLULAR THERAPIES
4D-S27-01 H. Läubli
 University of Basel, Basel, Switzerland
- 16:30 - 17:00** CELLULAR THERAPIES IN THE AGE OF CRISPR-CAS
4D-S27-02 T. Cathomen
 Medical Center - University of Freiburg, Freiburg, Germany
- 17:00 - 17:30** T CELL CELLULAR THERAPIES
4D-S27-03 M.C. Wolkers
 Sanquin Research, Amsterdam, Netherlands
- 17:30 - 18:30** **Poster Session**

Tuesday, June 25

16:00 - 17:30

Room: Shanghai

Donors and Donation - Approaches to Safe Donors

Moderators: J. Castrén (Finland) and T. Weingand (Switzerland)

16:00 - 16:30 MOVING TOWARDS VOLUNTARY NON-REMUNERATED BLOOD DONATION IN THE BALTIC STATES: A COMMON STARTING POINT DOES NOT GUARANTEE THE SAME RESULTS
4D-S28-01
R. Kullaste
 North Estonia Medical Centre's Blood Centre, Tallinn, Estonia

16:30 - 16:50 DEMOGRAPHIC AND HEMATOLOGICAL PARAMETERS IN FIRST TIME BLOOD DONORS
4D-S28-02
S. Zyкова
 Innlandet Hospital Trust, Lillehammer, Norway, UiT-The Arctic University of Norway, Tromsø, Norway

16:50 - 17:10 POST-DONATION INFORMATION MANAGEMENT - CONTRIBUTION TO THE SAFETY OF TRANSFUSION TREATMENT
4D-S28-04
T. Vuk
 Croatian Institute of Transfusion Medicine, Zagreb, Croatia

17:10 - 17:30 THE DEXTOR PROJECT: DATA EXCHANGE IN TRANSFUSION, OPEN RESOURCE
4D-S28-05
B. I. Whitaker
 U.S. Food & Drug Administration, Silver Spring, MD, United States

17:30 - 18:30 **Poster Session**

Programme at a Glance Wednesday, June 26

- Plenary Session
- Blood Products
- Clinical
- Cellular Therapies
- Donors / Donation
- Adverse events
- Immunobiology of Blood Cells
- Management & Organization
- Other Sessions

Time	San Francisco	Montreal	Sydney	Singapore	Samarland
08:30 - 10:00	5A-S29 Red Cell Alloimmunity	5A-S30 Haemovigilance	5A-S31 New Indications for Pathogen Reduction Methods	5A-S32 Donor Adherence - are we doing the right thing?	Pitch your research idea Participants present their research idea to a panel of experts and receive feedback
10:00 - 10:30	Coffee Break				
10:30 - 12:00	PL03 Plenary Session A Glimpse of the Future				
12:00 - 12:15	Closing Ceremony				
12:15 - 13:30	Farewell Lunch				

Wednesday, June 26

08:30 - 10:00

Room: Samarkand

Present your research idea to a panel of experts

The workshop will be hosted by Henrik Ullum and a small panel of experts. Attendees, who registered and were selected will have the possibility to present their research ideas to the panel in 5 minutes. After the presentation, the expert panel will give tips and suggestions.

Wednesday, June 26

08:30 - 10:00

Plenary Room: San Francisco

Immunobiology - Red Cell Alloimmunity

Moderators: G. Clarke (Canada) and H. Hustinx (Switzerland)

- 08:30 - 09:00** RECIPIENT FACTORS INFLUENCING RED BLOOD CELL ALLOIMMUNIZATION
5A-S29-01
J. Hendrickson
 Yale University, New Haven, United States
- 09:00 - 09:15** FREQUENCY OF RED CELL ALLOIMMUNISATION IN PATIENTS WITH SICKLE CELL DISEASE IN OMAN
5A-S29-02
H. Al Balushi
 Royal Hospital, Muscat, Oman
- 09:15 - 09:30** RED BLOOD CELL ANTIBODIES IN MULTI-TRANSFUSED PATIENTS WITH SICKLE CELL DISEASE IN GHANA; PREVALENCE, SPECIFICITIES AND RISK FACTORS
5A-S29-03
L. A. Boateng
 Liverpool School of Tropical medicine, Liverpool, United Kingdom, Sanquin, Amsterdam, Netherlands, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana
- 09:30 - 09:45** STRONG PREGNANCY INDUCED ANTI-D IMMUNIZATION IN DEL PHENOTYPE WITH RHD*01EL.04 ALLELE
5A-S29-04
M. Pisacka
 Institute of Haematology and Blood Transfusion, Prague, Czech Republic
- 09:45 - 10:00** ANTI-RBA IS A VERY FREQUENT RED CELL ANTIBODY IN GERMANY
5A-S29-05
E. A. Scharberg
 Institute for Transfusion Medicine and Immunohematology, DRK-BSL Ba-Wü-He, Baden-Baden, Germany
- 10:00 - 10:30** **Coffee Break**

Wednesday, June 26

08:30 - 10:00

Room: **Montreal**

Clinical – Haemovigilance

Moderators: *K. Land (United States) and M. Jutzi (Switzerland)*

- 08:30 - 09:00** THE IMPORTANCE AND THE APPROACH TO SET UP A SYSTEM OF HEMOVIGILANCE
5A-S30-01 T. Aung
 Ministry of Health and Sports, Yangon, Myanmar
- 09:00 - 09:15** LEARNING FROM TRANSFUSION ‘NEVER EVENTS’ – REVIEW OF UNINTENTIONAL ABO INCOMPATIBLE TRANSFUSIONS AS REPORTED TO SERIOUS HAZARDS OF TRANSFUSION 2010-2017
5A-S30-02 S. Narayan
 Serious Hazards of Transfusion, Manchester, United Kingdom
- 09:15 - 09:30** HEMOVIGILANCE ON MIRASOL PATHOGEN-REDUCED WHOLE BLOOD IN GHANA
5A-S30-03 S. Owusu-Ofori
 Komfo Anokye Teaching Hospital, Kumasi, Ghana
- 09:30 - 09:45** IRRADIATED BLOOD PRODUCT USE IN PATIENTS AT RISK FOR TRANSFUSION-ASSOCIATED GRAFT-VERSUS-HOST DISEASE
5A-S30-04 H. L. A. Yuen
 Monash Health, Melbourne, Australia
- 09:45 - 10:00** TRANSFUSION RELATED ADVERSE EVENT REPORTING AND DOCUMENTATION COMPLIANCE AMONG HEALTHCARE PROFESSIONALS IN DEVELOPING COUNTRY- AIMING TOWARDS IMPROVING PRACTICES
5A-S30-05 N. Anwar
 National Institute of Blood Diseases and Bone Marrow Transplant, Karachi, Pakistan
- 10:00 - 10:30** **Coffee Break**

Wednesday, June 26

08:30 - 10:00

Room: **Sydney**

Adverse Events - New Indications for Pathogen Reduction Methods

Moderators: *S. Ramirez-Arcos (Canada) and M. Prudent (Switzerland)*

- 08:30 - 09:00** IMPACT OF PATHOGEN INACTIVATION ON PLATELET SURVIVAL AND ALLOIMMUNIZATION
5A-S31-01 A. S. Buser
 Regional Blood Transfusion Service, Swiss Red Cross, Basel, Switzerland
- 09:00 - 09:15** EFFICIENT INACTIVATION OF BRUCELLA CLINICAL ISOLATES IN HUMAN PLATELET CONCENTRATES IN 100% PLASMA WITH AMOTOSALEN AND ULTRAVIOLET A LIGHT TREATMENT
5A-S31-02 F. Alseraye
 Security Forces Hospital, Riyadh, Saudi Arabia
- 09:15 - 09:30** THERAPEUTIC RESPONSE TO AMOTOSALEN/UVA-TREATED PLATELETS WITH UP TO 7 DAYS STORAGE DURING 5 YEARS OF ROUTINE PRACTICE
5A-S31-03 L. Infanti
 Swiss Red Cross, Division of Hematology, University Hospital, Basel, Switzerland
- 09:30 - 09:45** NIPAHVIRUS IS EFFICIENTLY INACTIVATED IN PLATELET CONCENTRATES BY UVC LIGHT USING THE THERAFLEX UV PLATELETS TECHNOLOGY
5A-S31-04 W. Handke
 Red Cross Blood Service NSTOB, Springe, Germany
- 09:45 - 10:00** USE OF PLATELET PATHOGEN REDUCTION TO IMPROVE STOCK MANAGEMENT IN A NATIONAL BLOOD SERVICE
5A-S31-05 N. Arnason
 Landspítali-The National University Hospital of Iceland, Reykjavik University, Iceland
- 10:00 - 10:30** **Coffee Break**

Wednesday, June 26

08:30 - 10:00
Room: Singapore

Donors and Donation - Donor Adherence - are we doing the Right Thing?

Moderators: P. van den Burg (Netherlands) and G. Nicoloso (Switzerland)

- 08:30 - 09:00** KEEPING THE BLOOD FLOWING
5A-S32-01 L. Eberhart
 Austrian Red Cross, Wien, Austria
- 09:00 - 09:15** THE BEHAVIOURAL CHARACTERISTICS OF FIRST-TIME BLOOD DONORS IN TURKEY: AN EXTENSIVE ANALYSIS OF THEORY OF PLANNED BEHAVIOUR MODEL
5A-S32-02 N. N. Sozmen
 Turkish Red Crescent, Ankara, Turkey
- 09:15 - 09:30** TOWARDS MORE UNIFORM DONOR ELIGIBILITY CRITERIA: OVERVIEW OF FIRST RESULTS FROM TRANSPPOSE
5A-S32-03 M.G.J. van Kraaij
 Sanquin, Amsterdam, Netherlands
- 09:30 - 09:45** CURRENT PRACTICES IN DONOR SELECTION AND PROTECTION ACROSS EUROPEAN COUNTRIES AND SUGGESTIONS FOR IMPROVEMENT – THE CASE OF BLOOD AND PLASMA
5A-S32-04 E.-M. Merz
 Sanquin Blood Supply, Amsterdam, Netherlands
- 09:45 - 10:00** LARGE DIFFERENCES IN THE REPORTING OF ADVERSE REACTIONS IN BLOOD AND PLASMA DONATION WITHIN THE EUROPEAN UNION – RESULTS FROM THE TRANSPPOSE PROJECT
5A-S32-05 C. Mikkelsen
 Copenhagen University Hospital, Copenhagen, Denmark
- 10:00 - 10:30** **Coffee Break**

Wednesday, June 26

10:30 - 12:00
Plenary Room: San Francisco
Plenary Session: A Glimpse of the Future

Moderators: M.L. Olsson (Sweden) and B. Mansouri (Switzerland)

- 10:30 - 11:00** INVISIBLE ORGANS
PL-03-01 R. Blasczyk
 Hannover Medical School, Hannover, Germany
- 11:00 - 11:30** GENE EDITING IN SICKLE CELL DISEASE
PL-03-02 D. Bauer
 Boston Children's Hospital, Boston, United States
- 11:30 - 12:00** THE WATT WORMS - TAKE A DEEP BREATH
PL-03-03 F. Zal
 Hemarina SA, Morlaix, France
- 12:00 - 12:15** **Closing Ceremony**
- 12:15 - 13:30** **Farewell Lunch**

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1412

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Other Information

Social Programme

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Sunday June 23

17:30 - 18:30 hours
Plenary Room: San Francisco

Opening Ceremony

All delegates and Exhibitors are welcome to attend.

- 17:30 - 17:38 Welcome address by Martin Olsson, ISBT President
17:38 - 17:48 Welcome address by Rudolf Schwabe and Behrouz Mansouri Taleghani, Co-Congress President
17:48 - 17:55 Welcome address by State Councillor Dr. Lukas Engelberger
17:55 - 18:00 Presentation of ISBT Awards and Prizes
1) ISBT Award
2) Vox Sanguinis Best Paper Prize
18:00 - 18:20 *Entertainment*
Enjoy the Swiss folk music of modern times! Experience different musical instruments such as the Alphorn and the Swiss diatonic accordion and yodeling... Welcome to Switzerland!
18:30 All delegates and Exhibitors are invited to proceed to the Welcome Reception in both Exhibition areas

Sunday June 23

18:30 - 21:00 hours
Exhibition area 4U and 4.1

Opening of the Trade Exhibition and Welcome Reception

The welcome reception will be held at both Exhibition areas, located in the basement and on the first floor. The reception will permit the delegates to meet old friends and colleagues and make new acquaintances during the evening while enjoying conversations.

During the official opening of the Trade Exhibition there will be entertainment offered at various stands on both exhibition floors:

- | | | |
|---------------|-----------------------|---------------------------------------|
| 18:45 - 19:00 | 1 st floor | Ortho Diagnostics (1431) |
| 19:00 - 19:15 | Basement | MacoPharma (U302) |
| 19:15 - 19:30 | Basement | Wuhan BMS Medicaltech Co., LTD (U123) |
| 19:30 - 19:45 | Basement | Bio-Rad (U311) |
| 19:45 - 20:00 | 1 st floor | Immunor (1215) |
| 20:00 - 20:15 | Basement | Sato Corporation (U104) |



ISBT Run

Tuesday June 25

06:30 - 07:30

All delegates are invited to join for the 5km ISBT Run, departing from and returning to the main entrance of Congress Center Basel. Let's start the day off the best way possible: with a beautiful morning run along the River Rhine. 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

Tuesday June 25

19:30 - 23:30

Markthalle

Steinentorberg 20

Price: € 50 per person

Experience our very own, ISBT food festival during the congress party at the Markthalle.

The Markthalle provides comfortable seating right under the dome where you can eat, drink and enjoy refreshments in a unique setting. Let your senses be surprised by the smell of fresh bread, sweet fruits, homemade antipasti, delicious baguettes and pizza's, as well as Asian and Oriental delicacies served by a wide variety of international market stalls.

Catch up with your fellow delegates and dance the night away or sit back in one of the lounge areas. A great opportunity to expand your network and let the congress sink in!

The Markthalle is conveniently located near the train station. With your public transportation ticket, you can take almost every tram to this wonderful location.

Still want to buy a ticket? Come visit us at the Service desk in the registration area.



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Satellite Symposia

Monday, June 24

12:30 - 13:30 hours

Room: Boston

Immucor

Solving transfusion challenges with specialty products.

Laboratory activities have been converging to routine assays and more standardization for the last decade and in the meantime, manufacturers have been discontinuing low sales products. But in this changing environment, some niche products have emerged because they are THE only solution to solve complex cases.

Laboratory experts are going to share examples and case studies

Kerry Dowling

Blood Transfusion Laboratory Manager – Laboratory Medicine – Southampton General Hospital (UK)

Dr. Antonella Matteocci

*Head of Red Cell and Platelet Immunohematology
Laboratory of Transfusion Medicine Service – S. Camillo Forlanini Hospital – Rome (Italy)*

Tuesday, June 25

12:30 - 13:30 hours

Room: Boston

Cerus

**Safeguarding the blood supply against (re) emerging pathogens
Balancing blood safety and economics**

Chair: M. Jutzi

Interregionale Blutspende SRK – Bern – Switzerland

- 12:30 - 12:40** INTRODUCTION
M. Jutzi
Interregionale Blutspende SRK – Bern
– Switzerland
- 12:40 - 13:00** PROS AND CONS OF TESTING AND
PATHOGEN REDUCTION IN LIGHT OF (RE)
EMERGING PATHOGENS
Christoph Niederhauser
Interregionale Blutspende SRK – Bern
– Switzerland
- 13:00 - 13:20** HOW WE PREPARED THE MADRID REGION
FOR A POTENTIAL OUTBREAK OF
EMERGING PATHOGENS WITHOUT
INCREASING OVERALL PRODUCTION COST
Luisa Maria Barea Garcia
Centro de Transfusión de la Comunidad de
Madrid – Spain
- 13:20 - 13:30** Q&A – DISCUSSION – CONCLUDING
REMARKS

Tuesday, June 25

12:30 - 13:30 hours

Room: Sydney

Grifols

DONOR SCREENING AUTOMATION: HOW TO IMPROVE
WORKFLOW EFFICIENCY

OPERATIONAL SOLUTIONS THAT DELIVER VALUE
Andrew Williams – Managing Partner, Nexus

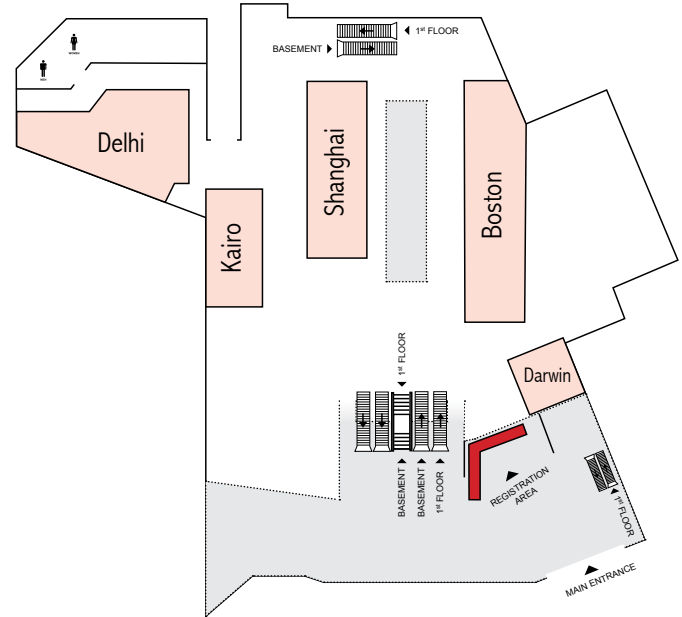
PROCLEIX PANTHER SYSTEM FEATURING ART
Joel Wummer –Director System Engineering, Grifols

IMPROVING EFFICIENCY VIA NEW ASSAY DESIGN:
PROCLEIX ULTRIOPLEX E
Jeff Linnen – VP Product Development, Grifols

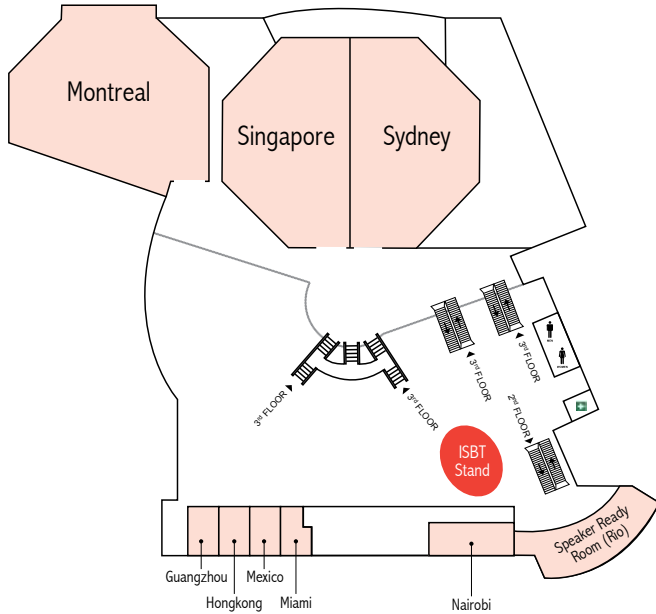
Floor Plan

Floor Plan

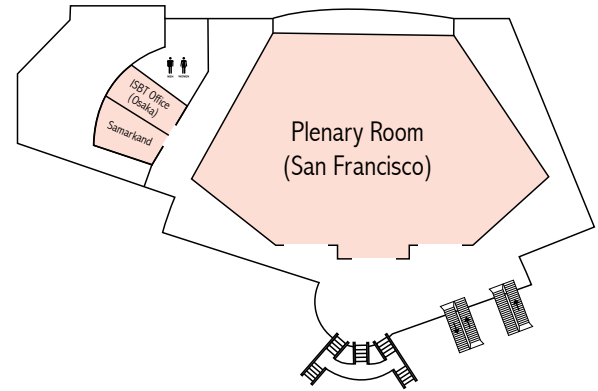
Ground Floor



Floor Plan Second Floor

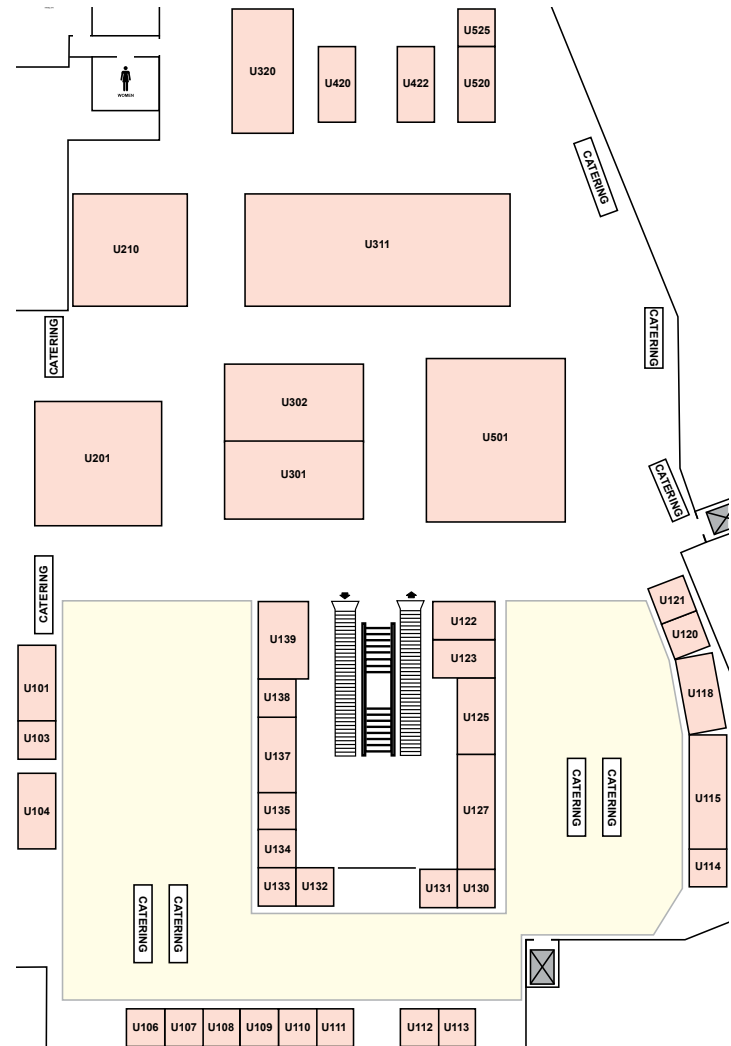


Floor Plan Third Floor



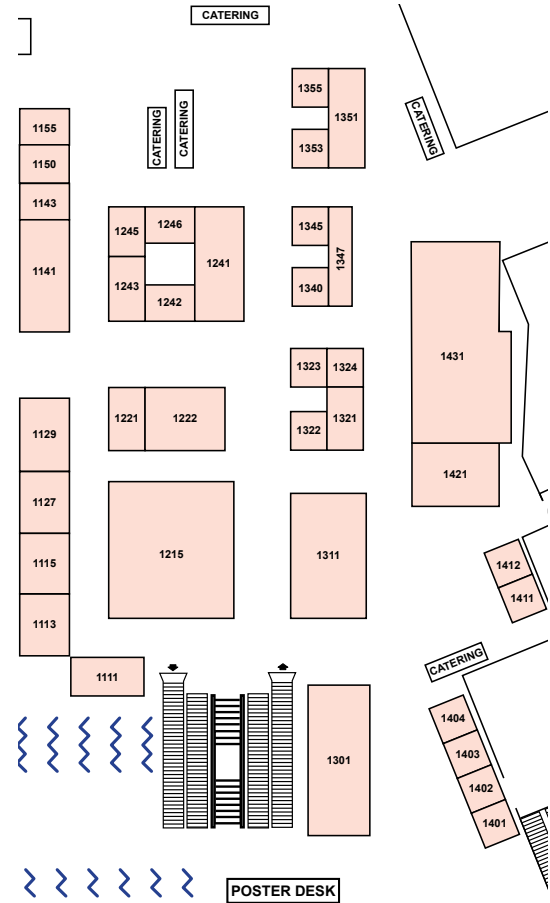
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- U134 Barkey GmbH & Co. KG
- U311 Bio-Rad
- U115 Biolog-id
- U121 Bionic Medizintechnik GmbH
- U130 Changchun Bioxun Biotech Co., Ltd.
- U138 CLST Cryo Life Science Technologies
- U520 Delcon
- U133 Delta T GmbH
- U139 Diagast
- U210 Fresenius Kabi Deutschland GmbH
- U108 GenDx
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- U320 Haemokinesis
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- U125 Helmer Scientific
- U132 Hydrex Diagnostics SP. Z. O.O. SP.K
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- U135 Innoopract Informationssysteme GmbH
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- 1347 Strub GmbH
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- 1241 Terumo BCT
- 1412 Thermo Fisher Scientific



PLASMA CHECK SYSTEM[®]



Fig. 1

PLASMA CHECK SYSTEM is a system able to acquire, store, record and certify the temperature detected at the core of “surrogate” bags during the entire freezing cycle, consistently with GMP requirements.

PLASMA CHECK SYSTEM consists of 3 parts (Fig. 1):

a) “surrogate” bags (**Check-bags**) of 250 and 700 mL corresponding to the average standard volumes of the real products, containing a fluid validated to simulate the thermal behavior of plasma (Fig.2);

b) a mobile probe (**Cryo-Med**) positionable at the core of the Check-bags; c) a dedicated software (**Memo-Track**).

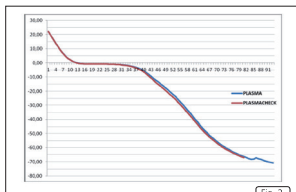


Fig. 2

PLASMA CHECK SYSTEM is a valuable system for plasma freezing validation and monitoring, as well as to perform monitoring and control of the whole pathway of frozen plasma in the BE (Fig.3). It is a technologically advanced, easy-to-use and cost-effective tool that can efficiently replace other traditional methods commonly used for the above-mentioned purposes.

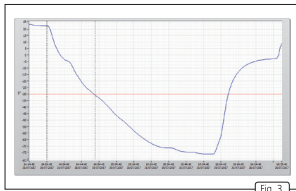


Fig. 3

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Plasma Check System is patented and commercialized by Expertmed Srl.

EXPERTMED S.r.l. • 37137 Verona • ITALY • Tel. +39 045 862 26 63 • Fax +39 045 862 53 13
www.expertmed.it • e-mail: info@expertmed.it

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