

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

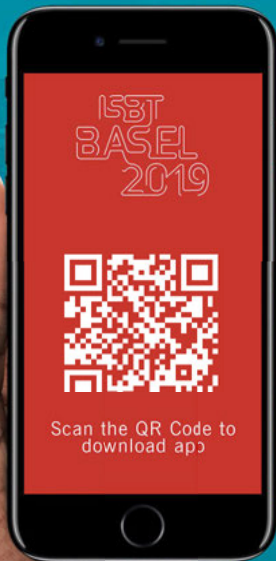
Final
Programme



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

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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 trinational 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.

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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 Professional	Transfusion Practitioner
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 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 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 Immuno-haematology

- | | |
|------------------------------------|---------------|
| 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

1A-01-01

SOUND OF MUSIC: QUANTUM MECHANICS OF INNOVATION
IN AUSTRIA

C. Gabriel

Medical University Graz, Graz, Austria, Ludwig Boltzmann Society,
Vienna, Austria

09:30 - 10:00

1A-01-02

INNOVATION IN CELLULAR THERAPY: HYPE AND HOPE

N. Worel

Medical University Vienna, Vienna, Austria

10:00 - 10:30

1A-01-03

INFLUENCE OF ANEMIA ON OUTCOME IN PATIENTS
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 BLOOD DONOR ACCRUAL TO GENE THERAPY
1B-02-01
F. Pirenne
Etablissement Français du Sang, Créteil, France
- 11:30 - 12:00** IMMUNOTHERAPY CART-CELLS: FROM TARGET IDENTIFICATION TO THE CLINIC
1B-02-02
C. Ferrand
INSERM UMR1098 - EFSBFC - UBFC, Besancon Cedex, France
- 12:00 - 12:30** TRANSFUSION IN THE ACUTE BLEEDING SETTING: MASSIVE TRANSFUSION PROTOCOLS, INTRODUCING NEW "OLD" BLOOD PRODUCTS SUCH AS WHOLE BLOOD
1B-02-03
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

1C-03-01

MESENCHYMAL STROMAL CELLS FOR REGENERATIVE THERAPY

H. Schrezenmeier

DRK-Blutspendedienst Baden-Württemberg - Hessen, Ulm, Germany

14:15 - 15:00

1C-03-02

IN VITRO PRODUCTION OF MEGAKARYOCYTES

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

INTERACTIVE

Academy Day: Various Facets of Donor Management

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

- 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

2A-02-01

IMMUNOHAEMATOLOGICAL FEATURES OF PATIENTS WITH SICKLE CELL DISEASE

V. Thonier

Institut National de la Transfusion Sanguine, Paris, France

09:30 - 10:00

2A-02-02

PHENOTYPE AND ALLELE MATCHING: HOW FAR SHOULD WE GO?

C. Folman

Sanquin Diagnostic Services, Amsterdam, Netherlands

10:00 - 10:30

2A-02-03

MANAGEMENT OF DELAYED HEMOLYTIC TRANSFUSION REACTIONS AND HYPERHEMOLYSIS SYNDROME

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

2B-03-01

THE USE OF ARTIFICIAL INTELLIGENCE TO IMPROVE HEALTH CARE; WHAT'S IN IT FOR TRANSFUSION MEDICINE?

B. Geerts

Amsterdam UMC, Amsterdam, Netherlands

11:45 - 12:30

2B-03-02

BLOOD DONATION: INCENTIVES AND INDUCEMENTS – WHERE TO DRAW THE LINE?

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
2B-04-01

PLATELET TRANSFUSION TRIGGERS IN NEONATES

E. Lopriore

LUMC, Leiden, Netherlands

11:30 - 12:00
2B-04-02

DIAGNOSING TACO IN CHILDREN

F. Gauvin

CHU Sainte-Justine, Montreal, Canada

12:00 - 12:30
2B-04-03

APPLYING PATIENT BLOOD MANAGEMENT (PBM) PRINCIPLES
IN PAEDIATRIC PATIENTS

G. Crighton

Royal Children's Hospital, Melbourne, Australia

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

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
2C-05-01

A RISK-BASED DECISION-MAKING FRAMEWORK FOR BLOOD SAFETY: WHAT'S THE CASE FOR ZIKA?

E. Bloch

Johns Hopkins University School of Medicine, Baltimore, United States

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

SCREENING STRATEGIES TO MINIMIZE THE RISK OF TT-HEV 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
2C-05-03

UPDATE ON PATHOGEN INACTIVATION TECHNOLOGY

M. Lozano

University Clinic Hospital, Barcelona, Spain

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

INTERACTIVE

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

2C-06-01

P1PK: A BLOOD GROUP SYSTEM WITH AN IDENTITY CRISIS

[Å. Hellberg](#)

Clinical Immunology and Transfusion Medicine, Lund, Sweden

14:00 - 14:30

2C-06-02

WHY ARE THE GATA AND KLF REGULATOR GENES INCLUDED IN THE BLOOD GROUP TABLES?

[N. Nogues](#)

Banc de Sang i Teixits, Barcelona, Spain

14:30 - 15:00

2C-06-03

CELL-FREE FETAL DNA FOR FETAL BLOOD GROUP 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

2D-08-01

WORK-UP IN CASE OF GRANULOCYTE ANTIBODIES

B. K. Flesch

DRK Blutspendedienst West, Bad Kreuznach, Germany

16:00 - 16:30

2D-08-02

OPTIMAL ALGORITHMS FOR SEROLOGICAL AND MOLECULAR TYPING IN PLATELET ALLOANTIBODY INVESTIGATIONS

M. T. Ahlen

University Hospital of North Norway, Tromsø, Norway

16:30 - 17:00

2D-08-03

MOLECULAR BASIS OF HNA-2 EXPRESSION

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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19:45 - 20:00	1 st floor	Immucor (1215)
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

	San Francisco	Montreal	Sydney	Boston	Shanghai	Delhi	Samarland
07:00 - 08:15							Young Professionals Networking Breakfast Session
08:30 - 10:00	3A-S01 Clinical Transfusion I	3A-S02 Blood Group Genomics: A Debate	3A-S03 Blood Safety from the Perspective of the Virome	3A-S04 Blood Component Issues	3A-S05 Reach and Retain Donors in Low, Medium and High Income Settings	Fundamentals of Good Grant Writing Workshop	
10:00 - 10:30	Visit the Exhibition and Coffee Break						
10:30 - 12:00	PL01 Plenary Session: Bridging the Gap						
12:00 - 14:00	Visit the Exhibition, Lunch and Satellite Symposia						
14:00 - 15:30	3C-S06 Genotyping	3C-S07 Focus on Pediatrics	3C-S08 TTI, Immune Interactions and Risk	3C-S09 Young Investigators - Excellence in Transfusion	3C-S10 Blood Donor Retention and the Role of Sub-Effects	3C-TP01 Anemia management - The importance of the Transfusion Practitioner in the multidisciplinary team	
15:30 - 16:00	Visit the Exhibition and Coffee Break						
16:00 - 17:30	3D-S11 Red Blood Cell Destruction and Immune Regulation	3D-S12 Haemoglobinopathies: State of the Art	3D-S13 Update on Retroviruses in Transfusion Medicine	3D-S14 Improving Transfusion Organisation and Practice	3D-S15 Blood Donation; Iron Loss, Anemia and Beyond		

Programme
Monday, June 24

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**
3A-S01-01 GETTING WISE WITH ABO-INCOMPATIBLE LIVE RELATED RENAL TRANSPLANT: A TERTIARY CENTER EXPERIENCE
S. Agrawal
Indraprastha Apollo Hospital, New Delhi, India
- 08:45 - 09:00**
3A-S01-02 DEVELOPMENT OF DETAILED TRANSFUSION EXPOSURE INFORMATION FROM PATIENT ELECTRONIC HEALTH RECORDS USING NATURAL LANGUAGE PROCESSING
B. I. Whitaker
U.S. Food & Drug Administration, Silver Spring, MD, United States
- 09:00 - 09:15**
3A-S01-03 RHD IMMUNOGLOBULIN: ARE WE GETTING IT RIGHT IN OBSTETRICS?
L. Bielby
Australian Red Cross Blood Service, Melbourne, Australia
- 09:15 - 09:30**
3A-S01-04 THE EFFECT OF INTRAUTERINE TRANSFUSION ON FETAL RETICULOCYTE COUNTS AND OUTCOME IN ALLOIMMUNE HEMOLYTIC DISEASE OF THE FETUS AND NEWBORN
I. M. C. Ree
Sanquin, Leiden, Netherlands, Leiden University Medical Center, Leiden, Netherlands
- 09:30 - 09:45**
3A-S01-05 IDARUCIZUMAB FOR DABIGATRAN REVERSAL - A SINGLE-CENTER ANALYSIS OF TWO YEARS' EXPERIENCE
B. Lima Pinto
Centro Hospitalar e Universitário de São João, E.P.E., Porto, Portugal
- 09:45 - 10:00**
3A-S01-06 PATHOGEN REDUCTION OF FROZEN PLATELETS
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
3A-S03-02 ASSAYS ON A SINGLE ANALYTICAL PLATFORM: APPLICATION
 TO DIAGNOSIS OF ARBOVIRAL INFECTIONS
C. Fournier-Wirth
 Etablissement Français du Sang, Montpellier, France
- 09:15 - 09:30** ZIKA, CHIKUNGUNYA, AND DENGUE VIRUS INCIDENCE IN
3A-S03-03 BLOOD DONORS IN BRAZIL 2016-2018
B. Custer
 Vitalant Research Institute, San Francisco, United States
- 09:30 - 09:45** VECTOR-BORNE DISEASES AND BLOOD TRANSFUSION SAFETY:
3A-S03-04 A EUROPEAN PERSPECTIVE
R. C. Garzon Jimenez
 Sanquin, Amsterdam, Netherlands
- 09:45 - 10:00** APPLICATION OF A ZIKA VIRUS SEROLOGICAL ASSAY TO
3A-S03-05 EVALUATE INFECTION RATES IN DONORS FOLLOWING THE
 2016 EPIDEMIC IN PUERTO RICO
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 MANAGEMENT
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
3A-S04-03 MODULATES RED BLOOD CELL SUSCEPTIBILITY TO SPONTANEOUS AND STRESS-INDUCED HEMOLYSIS DURING COLD STORAGE
T. Kaniyas
Vitalant, Denver, United States
- 09:30 - 09:45** DEHT PLASTICIZER PRESERVES RED BLOOD CELL QUALITY
3A-S04-04 WELL DURING STORAGE IN PVC BLOOD BAGS
L. Larsson
Karolinska University Hospital, Stockholm, Sweden, Karolinska Institutet, Stockholm, Sweden
- 09:45 - 10:00** PROTEASOME MODULATION IN STORED RBCS: STORAGE AGE
3A-S04-05 AND DONOR EFFECTS
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
3A-S05-02 THE SAFEST BLOOD AND NATIONAL SELF SUFFICIENCY OF BLOOD SUPPLY
[T. Ilbars](#)
 Ministry of Health, Ankara, Turkey
- 09:15 - 09:30** EFFECTIVE METHODS FOR REACTIVATING INACTIVE BLOOD
3A-S05-03 DONORS: A STRATIFIED RANDOMIZED CONTROLLED STUDY
[J. Ou-Yang](#)
 Guangzhou Blood Center, Guangzhou, China
- 09:30 - 09:45** PROMOTION OF VOLUNTARY BLOOD DONATIONS IN PAKISTAN
3A-S05-04 THROUGH THE FACEBOOK BLOOD DONATION FEATURE
[H. A. Zaheer](#)
 Ministry of National Health Services, Government of Pakistan, Islamabad, Pakistan
- 09:45 - 10:00** RECRUITMENT OF BLOOD DONORS OF NON-CAUCASIAN
3A-S05-05 ETHNICITY: THE EXPERIENCE OF A SWISS BLOOD DONATION CENTER
[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

PL-01-01

TRANSFUSION AND TREATMENT OF SEVERE ANAEMIA IN AFRICAN CHILDREN TRIAL (TRACT)

K. Maitland

KEMRI Wellcome Trust Research Programme, Kilifi, Kenya,
Imperial College, London, United Kingdom

11:00 - 11:30

PL-01-02

GLOBAL PERSPECTIVE OF ETHICS IN HEALTH SUPPLY
- CRITICAL APPRAISAL

S. Hurst Majno

University of Geneva, Geneva, Switzerland

11:30 - 12:00

PL-01-03

TRANSFUSION IN LIMITED INFRASTRUCTURE LOCATIONS

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
3C-S06-02 RED CELL, PLATELET AND NEUTROPHIL GENOTYPING
E. Roulis
 Australian Red Cross Blood Service, Kelvin Grove, Australia
- 14:45 - 15:00** DONOR CHARACTERISATION: A NOVEL PLATFORM FOR
3C-S06-03 COMPREHENSIVE GENOTYPING, RESULTS FROM A LARGE-
 SCALE STUDY
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
3C-S06-04 BIOBANK WHOLE-GENOME SEQUENCING ANALYSIS
P. C. Wu
 Taipei Blood Center, Taipei, Taiwan - China
- 15:15 - 15:30** EXTENDED BLOOD GROUP GENOTYPING OF IMMORTALISED
3C-S06-05 ERYTHROID CELL LINE BEL-A2 USING NEXT GENERATION
 WHOLE EXOME SEQUENCING
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

3C-S07-01

ITP TREATMENT IN PAEDIATRIC PATIENTS

S. Holzhauer

Charité – Universitätsmedizin Berlin, Berlin, Germany

14:30 - 14:45

3C-S07-02

INTERNATIONAL VARIATION IN PLATELET TRANSFUSIONS PRACTICES AMONG CRITICALLY ILL CHILDREN

M. Nellis

Weill Cornell Medicine, New York, United States

14:45 - 15:00

3C-S07-03

PROPHYLACTIC PLATELET TRANSFUSION IN PEDIATRIC PATIENTS WITH CANCERS: BAMBINO GESU' CHILDREN'S HOSPITAL EXPERIENCE

P. Berti

IRCCS Bambino Gesù' Children's Hospital, Rome, Italy

15:00 - 15:15

3C-S07-04

THE RESULTS OF TRANSFUSIONS OF PATHOGEN-REDUCED 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

3C-S07-05

5-YEAR \rightarrow TEMPORAL TRENDS IN PERIOPERATIVE RED CELL 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. Saucedo (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. Kaltsounis
George Papanicolaou Hospital, Thessaloniki, Greece

15:15 - 15:30
3C-S09-06 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
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
3C-S10-01 AMONG COMPENSATED AND NON-COMPENSATED BLOOD DONORS
M. Müller-Steinhardt
 Medical Faculty Mannheim, Heidelberg University, Mannheim, Germany, Red Cross Service Baden-Württemberg - Hessen, Mannheim, Germany
- 14:30 - 14:45** DEFERRAL AS THE POINT OF NO RETURN: A MIXED
3C-S10-02 METHODS APPROACH TO UNDERSTANDING WHOLE BLOOD DONOR LAPSE AFTER TEMPORARY DEFERRAL
M. L. Spekman
 Sanquin, Amsterdam, Netherlands, VU Amsterdam, Amsterdam, Netherlands
- 14:45 - 15:00** PREDICTION OF HEMOGLOBIN IN BLOOD DONORS USING A
3C-S10-03 LATENT CLASS MIXED-EFFECTS TRANSITION MODEL
J. van Rosmalen
 Erasmus MC, Rotterdam, Netherlands
- 15:00 - 15:15** AN INTERVENTION STUDY FOR THE PREVENTION OF
3C-S10-04 VASOVAGAL REACTIONS: ANALYSIS OF DONORS' RETURN FOR SUBSEQUENT DONATION
J. C. Wiersum
 TRIP and Sanquin, Leiden, Netherlands
- 15:15 - 15:30** HEALTH STATUS, DONATION PATTERNS, AND IRON-DEFICIENCY
3C-S10-05 IN OLDER BLOOD DONORS- EVIDENCE FROM A LARGE POPULATION-BASED COHORT AND HEALTH SERVICES USE DATA
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
3C-TP01-01 IN THE HEALTH CARE SETTING
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 -
3C-TP01-02 PROCESSES, TIPS AND RESOURCES FOR CREATING CHANGE
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. Pirene (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
3D-S13-02 HAVE SEX WITH MEN IN FRANCE: IMPACT ON THE RISK OF
HIV TRANSMISSION BY TRANSFUSION
J. Pillonel
Santé publique France, Saint-Maurice, France
- 16:45 - 17:00** RISK FACTORS FOR RECENTLY ACQUIRED HIV INFECTION IN
3D-S13-03 BLOOD DONORS IN SOUTH AFRICA
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
3D-S13-04 FOUND POSITIVE FOR HIV IN FRANCE
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. Syrjälä
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. Magnussen (Denmark) and A. Holbro (Switzerland)

INTERACTIVE

- 16:00 - 16:30**
3D-S15-01 BLOOD DONATION AND IRON LOSS, WHAT ARE THE IMPLICATIONS?
M.G.J. van Kraaij
Sanquin Blood Supply, Amsterdam, Netherlands
- 16:30 - 16:45**
3D-S15-02 SUPERDONORS – GENETIC RISK PROFILE AND RISK OF LOW HEMOGLOBIN DEFERRAL
A. S. Rigas
University Hospital Copenhagen, Copenhagen, Denmark
- 16:45 - 17:00**
3D-S15-03 MODELING OPTIMAL INTER-DONATION INTERVALS WITH PERSONALIZED RISK ASSESSMENT FOR ADVERSE IRON OUTCOMES
W. A. Russell
Stanford University, Stanford, United States, Vitalant Research Institute, San Francisco, United States
- 17:00 - 17:15**
3D-S15-04 A COMPOSITE MEASURE OF HEME IRON CONSUMPTION PREDICTS INCIDENT IRON DEPLETION IN REPEAT BLOOD DONORS
B. R. Spencer
American Red Cross, Dedham, MA, United States
- 17:15 - 17:30**
3D-S15-05 DIETARY INTAKE OF HEME IRON IS ASSOCIATED WITH FERRITIN AND HB LEVELS IN DUTCH BLOOD DONORS: RESULTS FROM DONOR INSIGHT
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

	San Francisco	Montreal	Sydney	Boston	Shanghai	Delhi	Kairo 2
08:30 - 10:00	44-S16 What's New in Blood Cell Autoimmunity INTERACTIVE	44-S17 Patient Blood Management	44-S18 Current Relevance of Viruses, Parasites and Bacteria Infections in Transfusion Medicine		44-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	Visit the Exhibition, Lunch and Satellite Symposia						
13:00 - 13:45						ISBT General Assembly	
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 TTD INTERACTIVE	4C-S23 Challenges in Resource Limited Settings	4C-S24 Blood Component Collection - Effects on Donors and Recipients		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						
19:30 - 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)

INTERACTIVE

- 08:30 - 09:00** DETECTION OF PLATELET AUTOANTIBODIES TO IDENTIFY ITP STATE OF THE ART
4A-S16-01
M. de Haas
 Sanquin, Amsterdam, Netherlands, Sanquin, Leiden, Netherlands, LUMC, Leiden, Netherlands
- 09:00 - 09:15** THROMBOPOIETIN RECEPTOR AGONIST (TPO-RA) TREATMENT RAISES PLATELET COUNTS AND INDUCES IMMUNOMODULATION IN IMMUNE THROMBOCYTOPENIA (ITP).
4A-S16-02
J. W. Semple
 Lund University, Lund, Sweden
- 09:15 - 09:30** AUTOANTIBODY MEDIATED CHANGES IN PLATELETS GLYCAN PATTERN: POTENTIAL IMPACT ON PLATELET FUNCTION AND LIFESPAN IN IMMUNE THROMBOCYTOPENIA
4A-S16-03
T. Bakchoul
 Medical Faculty of Tübingen, Centre for Clinical Transfusion Medicine ZKT GmbH, Tübingen, Germany
- 09:30 - 09:45** AUTOIMMUNE HEMOLYTIC ANEMIA: SEROLOGICAL CHARACTERISTICS AND TRANSFUSION CHALLENGES
4A-S16-04
M. Raos
 Clinical Hospital Centre Zagreb, Zagreb, Croatia
- 09:45 - 10:00** AUTOIMMUNE HAEMOLYTIC ANAEMIA: A SURVEY OF DIAGNOSTIC AND MANAGEMENT PRACTICE IN ENGLAND
4A-S16-05
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 Lil
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. Neubling
 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
4A-S19-01 DONOR CARE
C. Erikstrup
Aarhus University Hospital, Aarhus, Denmark
- 09:00 - 09:15** PILOT OF DONOR ADVERSE EVENT SEVERITY GRADING TOOL
4A-S19-02 IN A LARGE BLOOD COLLECTION CENTER
M. Townsend
Vitalant, Scottsdale, United States
- 09:15 - 09:30** COMPLICATIONS OF BLOOD DONATION: ELEVEN YEARS OF
4A-S19-03 INTERNATIONAL DATA
J. C. Wiersum
TRIP and Sanquin, Leiden, Netherlands
- 09:30 - 09:45** IMPLEMENTING FERRITIN TESTING IN STOCKHOLM – FIRST
4A-S19-04 REPORT
M. K. Kvist
Karolinska University Hospital, Stockholm, Sweden
- 09:45 - 10:00** FERRITIN SCREENING IN THE NETHERLANDS: FIRST RESULTS
4A-S19-05 FROM A NATION WIDE DONOR DEFERRAL POLICY
M. Vinkenoog
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

PL-02-01

THE 100,000 GENOMES PROJECT: HOW BIG DATA HELP PATIENTS WITH RARE DISEASES (... AND RARE BLOOD GROUPS)

W. Ouwehand

University of Cambridge, Cambridge, United Kingdom

11:00 - 11:30

PL-02-02

MOLECULAR GENETICS TO GENOMICS

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

PL-02-03

METHODOLOGICAL CONSIDERATIONS FOR BIG DATA APPROACHES TO TRANSFUSION MEDICINE RESEARCH

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

4C-S21-01

AN UPDATE ON ANTI PLATELET AGENTS

D. Cox

Royal College of Surgeons in Ireland, Dublin, Ireland

14:30 - 15:00

4C-S21-02

PLATELET FUNCTION MEASUREMENTS IN TRANSFUSION MEDICINE

P. Fontana

University Hospitals of Geneva, Geneva, Switzerland

15:00 - 15:15

4C-S21-03

PLATELET COMPATIBILITY AND PLATELET ANTIBODIES 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

4C-S21-04

ASSESSMENT OF CORRELATION OF PLATELET CROSSMATCH 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

4C-S22-01

UPDATE ON TRALI/TACO AND TAD (AABB PRE MEETING)

A. Vlaar

Amsterdam UMC, Amsterdam, Netherlands

14:30 - 15:00

4C-S22-02

IRON OVERLOAD FROM TRANSFUSION AND IMPACT ON TRANSPLANT OUTCOMES

E. Angelucci

IRCCS Ospedale Policlinico San Martino, Genova, Italy

15:00 - 15:30

4C-S22-03

IMPACT OF BLOOD DONOR SEX ON RECIPIENT OUTCOMES

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

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.

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

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
4C-S24-01 AN INTERVENTION STUDY
T.E. Davison
Australian Red Cross Blood Service, Melbourne, Australia
- 14:18 - 14:36** DOUBLE-ERYTHROCYTE APHERESIS VERSUS CONVENTIONAL
4C-S24-02 WHOLE BLOOD PHLEBOTOMY AS IRON DEPLETION
TREATMENT IN HEALTHY CARRIERS OF HFE MUTATIONS WITH
HYPERFERRITINEMIA
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
4C-S24-03 VALUES IN HIGH-FREQUENCY BLOOD DONORS DONATING
WHOLE BLOOD OR DOUBLE ERYTHROCYTE APHERESIS
V. Pehlic
Blood Donation Centre Basel, Switzerland
- 14:54 - 15:12** IMPACT OF HYDROXYETHYL STARCH AND MODIFIED FLUID
4C-S24-04 GELATIN ON GRANULOCYTE PHENOTYPE AND FUNCTION
N. Doblinger
University Hospital Regensburg, Regensburg, Germany
- 15:12 - 15:30** PLATELETPHERESIS DONATIONS AND DONOR RISK OF
4C-S24-05 SUSTAINED THROMBOPENIA
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

4D-S25-01

HLA IN BLOOD TRANSFUSION

Z. Grubic

University Hospital Centre Zagreb, Zagreb, Croatia

16:30 - 16:45

4D-S25-02

SURFACE PLASMON RESONANCE-BASED DETECTION OF ANTI-HPA 1A ANTIBODY GLYCOSYLATION, AN ASSAY TO PREDICT DISEASE SEVERITY IN ALLOIMMUNE CYTOPENIAS

Z. Szttner

Sanquin Research, and Landsteiner Laboratory, Amsterdam, Netherlands

16:45 - 17:00

4D-S25-03

RESULTS OF HPA-1A SCREENING PROGRAM FOR IDENTIFICATION OF PREGNANT WOMEN AT RISK OF FOETAL/NEONATAL ALLOIMMUNE THROMBOCYTOPENIA (FNAIT)

E. Brojer

Institute of Hematology and Transfusion Medicine, Warsaw, Poland

17:00 - 17:15

4D-S25-04

PLATELET ALLOIMMUNIZATION AND CLINICAL MANIFESTATIONS IN THE MATERNO-FOETAL CONTEXT

R. Petermann

Centre de Recherche des Cordeliers, INSERM, USPC, Université Paris Descartes, Université Paris, Paris, France

17:15 - 17:30

4D-S25-05

FAST AND LOW-COST MATERNAL HPA-1A TYPING ELISA FOR HIGH-THROUGHPUT SCREENING OF WOMEN AT RISK FOR FNAIT

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 HGH-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. Zykova
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

	San Francisco	Montreal	Sydney	Singapore	Samarakand
08:30 - 10:00	5A-S29 Red Cell Allogeneity	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-BSD 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 TRANSPOSE

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 TRANSPOSE 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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1. For Research Use Only. Not for use in diagnostic procedures

2. For In Vitro Diagnostic Use (Europe only)

3. For In Vitro Diagnostic Use

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	Immucor (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

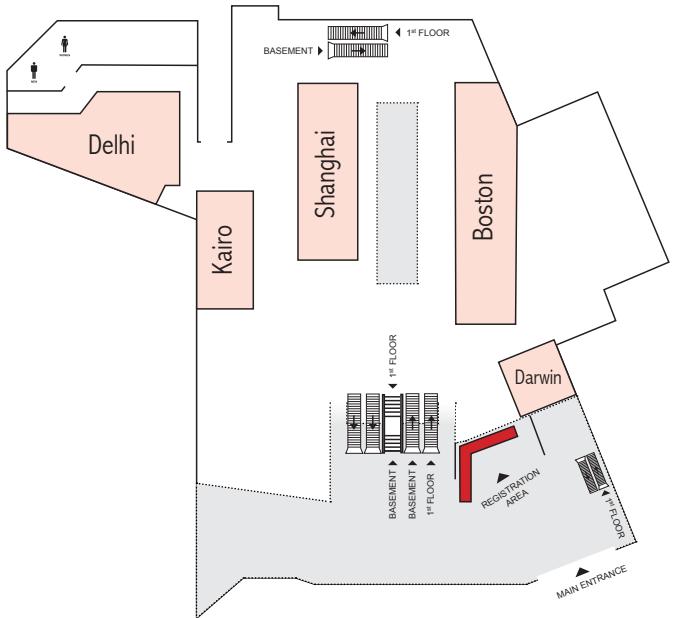
PROCLEIX PANTHER SYSTEM FEATURING ART
Joel Wummer –Director System Engineering, Grifols

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

Floor Plan

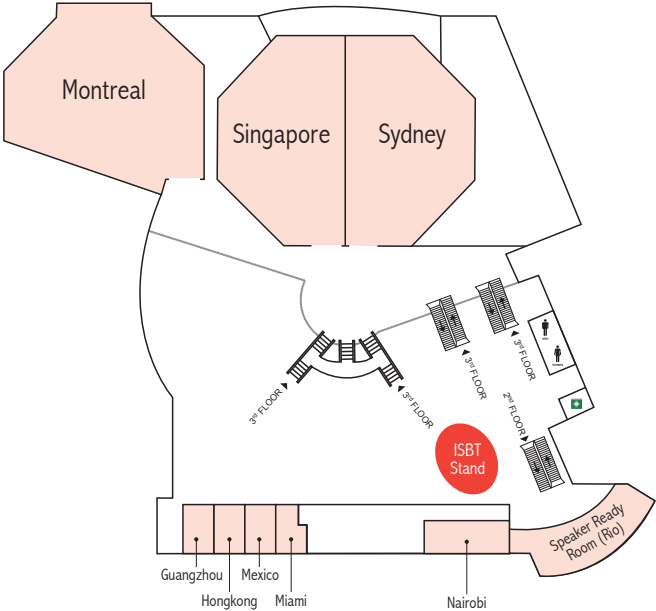
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Ground Floor

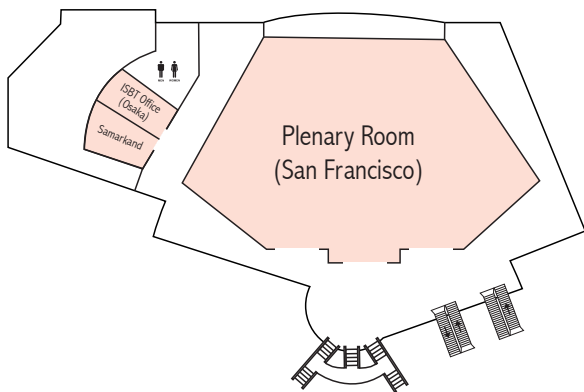


Floor Plan

Second Floor

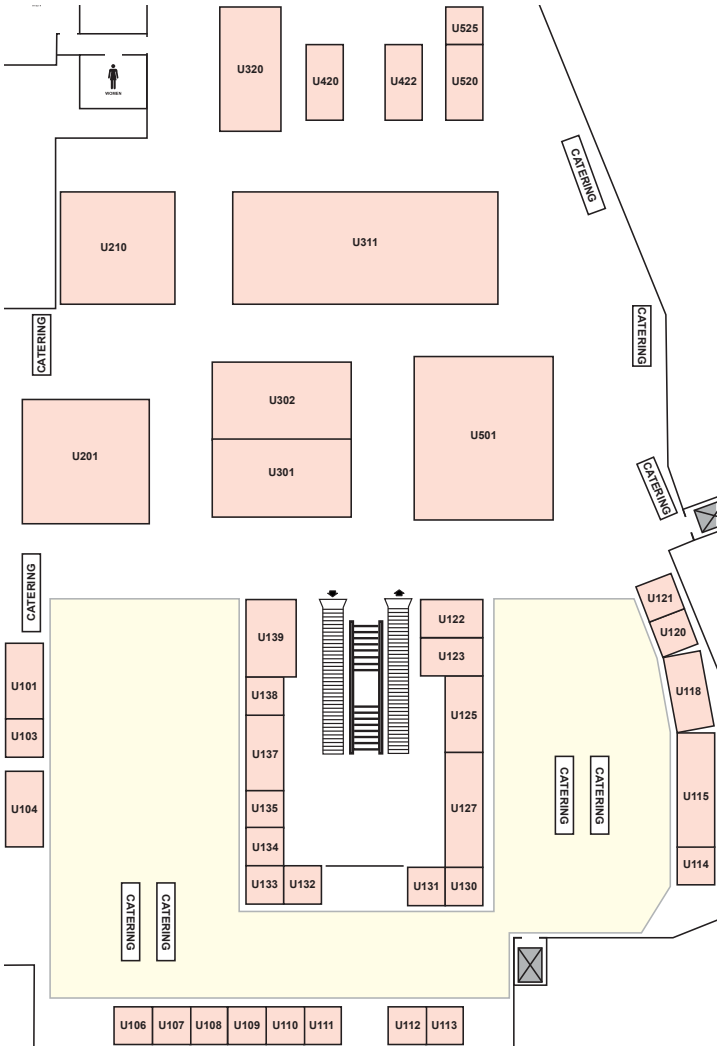


Floor Plan Third Floor



Exhibition Floor Plan - Basement

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- U311 Bio-Rad
- U115 Biolog-id
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- U137 Sarstedt AG & Co. KG
- U104 SATO CORPORATION
- U120 Stratec Biomedical UK Ltd
- U106 Timestrip
- U123 Wuhan BMS Medicaltech Co., LTD

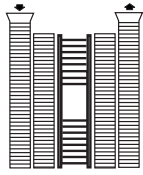
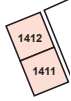
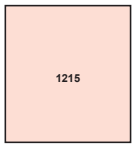
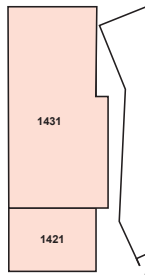
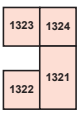
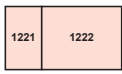
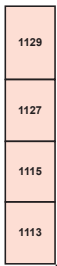
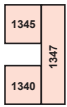
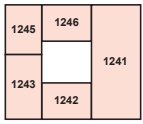
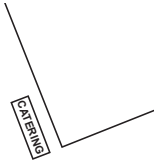
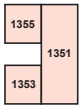
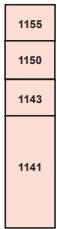


Exhibition Floor Plan - First Floor

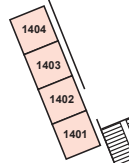
- 1311 Abbott
- 1311 Abbott
- 1242 Actium - Products and systems
- 1143 Ashland
- 1141 B Medical Systems
- 1403 Best Theratronics
- 1129 BioMerieux
- 1301 Cerus Europe
- 1322 Conroy
- 1221 Council of Europe, EDQM
- 1345 CTC Diagnostics
- 1321 Demophorius Healthcare
- 1353 EXPERTMED SRL
- 1115 Fujirebio Inc
- 1355 Gamma-Service Medical GmbH
- 1155 GFE Blut
- 1343 Gilardoni SPA
- 1401 Global Blood Fund
- 1411 HemoCue AB
- 1324 ICCBBA
- 1215 Immucor
- 1404 Kawasumi Laboratories, Inc.
- 1222 LmB Technologie GmbH
- 1246 M. & G. INT.'L s.r.l.
- 1421 MAK-System
- 1150 Meise GmbH
- 1113 NanoEnTek
- 1431 Ortho Clinical Diagnostics
- 1111 PCS Professional Clinical Software GmbH
- 1243 Rad Source Technologies, Inc.
- 1351 Sanquin Reagents B.V.
- 1323 Scinomed Ltd
- 1127 Sichuan Nigale Biotechnology Co., LTD
- 1245 Sigma Laborzentrifugen GmbH
- 1347 Strub GmbH
- 1402 Sysmex
- 1241 Terumo BCT
- 1412 Thermo Fisher Scientific



CATERING



CATERING



POSTER DESK

PLASMA CHECK SYSTEM[®]

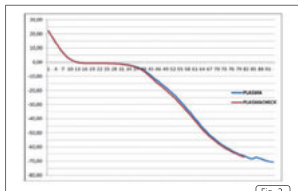


PLASMA CHECK SYSTEM is a system able to acquire, store, record and certify the temperature detected at the core of “surrogate” bags during the entire freezing cycle, consistently with GMP requirements.

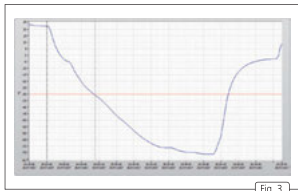
PLASMA CHECK SYSTEM consists of 3 parts (Fig. 1):

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**).



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.



Plasma Check System is patented and commercialized by Expertmed Srl.

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June 6 - 10, 2020

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