In conjunction with the 33rd Annual Conference of the British Blood Transfusion Society

25th Regional Congress of the International Society of Blood Transfusion, London, United Kingdom June 27 - July 1, 2015
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Words of Welcome

It is my particular pleasure to welcome you to the 25th Regional Congress of the ISBT in London, United Kingdom, which is being held in conjunction with the 33rd Annual Conference of the British Blood Transfusion Society. The Local Organising Committee has worked closely with the ISBT Scientific Committee to review some 1200 submitted abstracts and develop a superb and varied scientific programme which I am confident will cater for the educational and developmental needs of a very wide spectrum of Transfusion Professionals.

I acknowledge the tremendous support we continue to receive from our colleagues in the commercial sector who, like transfusion clinicians and scientists, play a key role in the delivery of safe transfusion practice worldwide. Please make time to visit the Commercial Exhibition and discover what products and equipment are current, new or perhaps under development in the field of Blood Transfusion. I hope you also enjoy the Social Programme which presents an ideal opportunity to relax and catch up with old friends - and make new ones. The transfusion community is renowned for effective networking and ISBT Congresses provide ideal opportunities to achieve these outcomes!

In addition to attending a fantastic, thought provoking and thoroughly engaging Congress, delegates will have the opportunity to sample the remarkable cultural delights that London has to offer. There are 4 world heritage sites and over 250 free attractions, 150 theatres, 250 galleries and 300 museums including the spectacular British Museum and the Natural History Museum. There’s Buckingham Palace; Westminster Abbey; St Paul’s Cathedral; the Tower of London; the London Eye…..the list is virtually endless!

I am delighted you have been able to join us at the 25th Regional Congress of the ISBT in London from June 27th to July 1st, 2015. I hope you have a memorable and rewarding Congress. As we say in my part of the UK “cead mile failte” – literally a hundred thousand welcomes!

Martin Bruce
Congress President
Dear Colleagues,

I am thrilled to welcome you to this marvellous city of London for the 25th Regional Congress of the ISBT being held in conjunction with the 33rd Annual Conference of the British Blood Transfusion Society.

As you browse through this programme book, you will note that we start on Saturday with the SHOT symposium on haemovigilance including the eagerly expected 2014 SHOT report. The daylong ISBT Academy educational programme takes place on Sunday. On Sunday evening, a vibrant celebration of the United Kingdom in music and dance and the opening of the Trade Exhibition will follow the traditional Opening ceremony.

The main scientific programme, starting on Monday, includes plenary and parallel sessions centered on five tracks: donors, donation and management, immunobiology of blood cells, adverse events, cellular therapies and clinical transfusion. Plenary sessions broaden our horizons by focusing us on areas that are different from those that we work on. The educational programme is highly informative, the scientific programme is exciting, the exhibit is replete with ingenuity and innovation, and the social activities provide us with the opportunity to interact and learn from each other.

The agenda is comprehensive as it addresses current issues and controversies in the science of transfusion medicine and cellular therapies. Obviously, the organisation of a successful congress involves input from many people and many organisations. Particular thanks go to Martin Bruce, the Congress president. A special recognition is deserved by Martin Olsson the retiring Scientific Secretary, Ellen van der Schoot, the incoming ISBT Scientific Secretary, and the local organising committee.

The support and participation of industry is also a key to success and I would like to take this opportunity to thank all of the sponsors and exhibitors that support us, particularly the ISBT Corporate partners whose ongoing backing is crucial to the success of the society. Also, MCI - Eurocongress v.o.f., the professional congress organiser who support us so well.

I offer my warm welcome to all of the delegates. I know that many travelled from distant parts of the world to join us for this event. Thank you for being here. Be prepared for a treat!

Celso Bianco
President ISBT
Future ISBT Congresses

26\textsuperscript{th} Regional Congress of the ISBT, Indonesia November 14 - 16, 2015
34\textsuperscript{th} International Congress of the ISBT, Dubai, United Arab Emirates September 3 - 8, 2016
27\textsuperscript{th} Regional Congress of the ISBT, Copenhagen, Denmark June 17 - 21, 2017
28\textsuperscript{th} Regional Congress of the ISBT, Guangzhou, China November 2017

Website

Up-to-date information regarding the ISBT congress programmes is available on the ISBT website: www.isbtweb.org
Committees

**ISBT Executive Committee**

President: Celso Bianco (2014 - 2016)
President-Elect: Vengetassen (Ravi) Reddy (2014 - 2016)
Vice President: Diana Teo (2012 - 2016)
Vice President: Erica Wood (2012 - 2018)
Past President: Peter Flanagan (2014 - 2016)
Secretary General: Roger Dodd (2014 - 2018)
Treasurer: Steve Morgan (2012 - 2016)

**ISBT Board of Directors**

Africa: Bridon Mbaya (2012 - 2016)
Europe: Miguel Lozano (2014 - 2018)
Claudio Velati (2012 - 2016)
South East Asia: Neelam Marwaha (2012 - 2016)
Western Pacific: Masahiro Satake (2012 - 2016)
Che-Kit Lin (2014 - 2018)

**ISBT Executive Director**

Judith Chapman (The Netherlands)

**ISBT Scientific Secretary**

Martin Olsson (Sweden)
## Committees

### Local Organising Committee
- **Congress President:** Martin Bruce OBE  
- **Chairperson:** Jonathan Wallis  
- **Members:**  
  - Judith Chapman  
  - Clare Milkins  
  - Joan Jones  
  - Catherine Riley

### Local Scientific Committee
- **Chairperson:** Jonathan Wallis  
- **Members:**  
  - David Anstee  
  - Sheila MacLennan  
  - Paula Bolton-Maggs  
  - Mike Murphy  
  - Martin Bruce  
  - Simon Stanworth  
  - Geoff Daniels  
  - Dafydd Thomas  
  - Ian Franklin

### ISBT Working Party Chairpersons
- **Shubha Allard (United Kingdom)**  
- **Peter van den Burg (The Netherlands)**  
- **Michael Busch (USA)**  
- **Gilles Folléa (Belgium)**  
- **Lin Fung (Australia)**  
- **Ralph Knels (Germany)**  
- **Mickey Koh (United Kingdom/Singapore)**  
- **Cheuk-Kwong Lee (Hong Kong)**  
- **Christine Lomas Francis (USA)**  
- **Sandra Nance (USA)**  
- **Jo Wiersum-Osselton (The Netherlands)**  
- **Sentot Santoso (Germany)**  
- **Cynthia So-Osman (The Netherlands)**  
- **Jill Storry (Sweden)**  
- **Paul Strengers (The Netherlands)**  
- **Diana Teo (Singapore)**  
- **Hans Vrielink (The Netherlands)**  
- **Silvano Wendel (Brazil)**
Reviewers

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

Shubha Allard (United Kingdom)  
Anton Andonov (Canada)  
Beryl Armstrong (South Africa)  
Paul Ashford (United States of America)  
Morten Bagge Hansen (Denmark)  
Giorgio Baldanzi (Brazil)  
Claire Barrett (South Africa)  
Richard Benjamin (United States of America)  
Nidhi Bhatnagar (India)  
Celso Bianco (United States of America)  
Halvard Bönig (Germany)  
Anneke Brand (The Netherlands)  
Dialina Brilhante (Australia)  
Ewa Brojer (Poland)  
Lesley Bruce (United Kingdom)  
Peter van den Burg (The Netherlands)  
Thierry Burnouf (Taiwan)  
Mike Busch (United States of America)  
Erkuden Bust (Spain)  
Lesley Bust (South Africa)  
Jose Manuel Cardenas (Spain)  
Rebecca Cardigan (United Kingdom)  
Lilian Castilho (Brazil)  
Jean-Pierre Cazenave (France)  
Judith Chapman (The Netherlands)  
Rajendra Chaudhary (India)  
Alejandro Chiera (Argentina)  
Jorge Condeco (Portugal)  
Geoff Daniels (United Kingdom)  
Rodeina Davis (United States of America)  
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Veronique Deneys (Belgium)  
Peta Dennington (Australia)  
Gregory Denomme (United States of America)  
Dana Devine (Canada)  
Margriet Dijkstra-Tiekstra (The Netherlands)  
Roger Dodd (United States of America)  
Dragoslav Domanovic (Sweden)  
Ashley Duits (Netherlands Antilles)  
Walter Dzik (United States of America)  
Hermann Eichler (Germany)  
Magdy El-Ekiaby (Egypt)  
Peter Flanagan (New Zealand)  
Gilles Folléa (France)  
Rita Fontão-Wendel (Brazil)  
Ian Franklin (United Kingdom)  
Lin Fung (Australia)  
Christian Gabriel (Austria)  
Olivier Garraud (France)  
Christoph Gassner (Switzerland)  
Birgit Gathof (Germany)  
Jørgen Georgsen (Denmark)  
Lawrence Goodnough (United States of America)  
Hans Gulliksson (Sweden)  
Snehalata Gupte (India)  
Masja de Haas (The Netherlands)  
Janis Hamilton (United States of America)  
Nancy Heddle (Canada)  
Hans Erik Heier (Norway)  
Åsa Hellberg (Sweden)  
Tor Hervig (Norway)  
Peter Horn (Germany)  
Annika Hult (Sweden)  
Catherine Hyland (Australia)  
Alan Kitchen (United Kingdom)  
Jens Kjeldsen-Kragh (Norway)
Reviewers

Ralf Knels (Germany)  Coral Olsen (South Africa)
Mickey Koh (United Kingdom/Singapore)  Martin Olsson (Sweden)
Ankie Koopman-van Gemert (The Netherlands)  Cinzia Paccapelo (Italy)
Dirk de Korte (The Netherlands)  Simon Panzer (Austria)
Marian van Kraaij (The Netherlands)  Arturo Pereira (Spain)
So-Yong Kwon (South Korea)  Thierry Peynard (France)
Cheuk-Kwong Lee (Hong Kong)  Patrick Provost (Canada)
Sofia Lejon (Switzerland)  Jean Py (France)
Marcel Levi (The Netherlands)  Paolo Rebulla (Italy)
José Levi (Brazil)  Ravi Reddy (South Africa)
Che Kit Lin (Hong Kong)  Henk Reesink (The Netherlands)
Edward Lin (Singapore)  Maria Rios (United States of America)
Christine Lomas-Francis (United States of America)  Pierre Robillard (Canada)
Miguel Lozano (Spain)  Julieta Rojo Medina (Mexico)
Sheila MacLennan (United Kingdom)  Ulrich Sachs (Germany)
Karin Magnussen (Denmark)  Matilde Santos (Portugal)
Denese Marks (Australia)  Sentot Santoso (Germany)
Julio Martinez Alvarez (Mexico)  Rajesh Sawant (India)
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Dora Mbanya (United Kingdom)  Clive Seed (Australia)
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Rainer Moog (Germany)  Martin Smid (The Netherlands)
Eduardo Muñiz Diaz (Spain)  Danielle Sondag-Thull (Belgium)
Charles Munk (Switzerland)  Cynthia So-Usman (The Netherlands)
Manuel Muñoz Gomez (Spain)  Gabriele Stiegler (Austria)
Mario Muon (Portugal)  Jill Storry (Sweden)
Mike Murphy (United Kingdom)  Susan Stramer (United States of America)
Sandra Nance (United States of America)  Ellen Sweeney (Ireland)
Fatima Nascimento (Portugal)  Shigeru Takamoto (Japan)
Núria Nogués (Spain)  Y. Tani (Japan)
Sheila O'Brien (Canada)  Agneta Taune-Wikman (Sweden)
Reviewers

Diana Teo (Singapore)
Stephen Thomas (United Kingdom)
Nicole Thornton (United Kingdom)
Kjell Titlestad (Denmark)
Torsten Tonn (Germany)
Oscar Torres (Argentina)
Nelson Tsuno (Japan)
Claudio Velati (Italy)
Marion Vermeulen (South Africa)
Hans Vrielink (The Netherlands)
Tomislav Vuk (Croatia)
Franz Wagner (Germany)
Dianne van der Wal (The Netherlands)
Jonathan Wallis (United Kingdom)
Leo van de Watering (The Netherlands)
Silvano Wendel (Brazil)
Connie Westhoff (United States of America)
Jo Wiersum (The Netherlands)
Markus Wiesneth (Germany)
Agneta Wikman (Sweden)
Erica Wood (Australia)
Vered Yahalom (Israel)
Hasan Zaheer (Pakistan)
Congress Organisers

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E: Ian.Lapworth@mci-group.com

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F +31 20 6737 306
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One Western Gateway (East side entrance)
Royal Victoria Dock
London, E16 1XL
T +44 20 7069 4754
W: www.excel-london.co.uk
About the ISBT

The International Society of Blood Transfusion (ISBT) is a scientific society that was founded in 1935. Since that time the ISBT has grown into an international society where transfusion medicine professionals from across the globe come together and do the one thing they do best: share knowledge to improve the safety of blood transfusion worldwide. We believe that with the power of knowledge we can improve the safety of blood transfusion worldwide. Professionals from over 110 countries already share their knowledge with this international transfusion medicine community by being a member of ISBT. Our most important activity is to promote science and education related to blood, cells and transplantation. We have created an educational platform; the ISBT Academy ePortal. This eLearning facility includes webcasts of ISBT congress presentations and a library of transfusion guidelines.

In addition we:

- Encourage and support the ISBT Working Parties that focus on the study of specific topics.
- Publish a scientific journal Vox Sanguinis and provide other high quality educational print and electronic material.
- Organise International and Regional congresses.
- Support and participate in regional workshops, seminars and congresses either financially or by use of the ISBT logo.
- Support professionals from low and medium development index countries financially.

**ISBT membership**

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

- Access to the ISBT Academy ePortal (incl. congress webcasts and presentations)
- Subscription for Vox Sanguinis (paper + online)*
- Receipt of Transfusion Today (paper + online)*
- Registration discount at ISBT congresses
- Online access to Working Party material
- Receipt of the monthly E-news

* Online access only for 35 years and under fee

Take the opportunity to connect and participate in our growing transfusion medicine community and register yourself at www.isbtweb.org. You can also visit us at the booth number: 426.
ISBT Working Parties & other meetings

All meetings will take place at ExCeL Exhibition and Convention Centre
* = by invitation only

**Friday, June 26**

08:30 - 17:30  ISBT WP on Transfusion Transmitted Infectious Diseases  Capital Suite 13
12:00 - 18:00  Immunohaematology pre-meeting*  Capital Suite 6

**Saturday, June 27**

08:30 - 10:30  ISBT WP on Rare Donors  Capital Suite 6&13
10:00 - 16:00  ISBT WP on Information Technology; Interface taskforce*  Capital Suite 9
10:00 - 16:00  ISBT WP on Donors and Donation*  Capital Suite 1&2
11:00 - 14:00  ISBT WP on Red Cell Immunogenetics  Capital Suite 6&13
12:30 - 17:30  ISBT WP on Transfusion Transmitted Infectious Diseases – I Try it*  Capital Suite 8
13:00 - 17:00  ISBT WP on Transfusion Transmitted Infectious Diseases – Bacteria*  Capital Suite 4
14:30 - 18:00  ISBT WP on Immunohaematology  Capital Suite 6&13
16:00 - 19:00  ATMF/EMR Meeting  Capital Suite 3
16:15 - 18:15  ISBT WP on Clinical Transfusion*  Capital Suite 1&2

**Sunday, June 28**

07:30 - 08:30  Transfusion Practitioners Breakfast*  Capital Suite 6
08:00 - 12:00  ISBT WP on Global Blood Safety  Capital Suite 2&3
09:00 - 17:00  Clinical sub-group meeting*  Capital Suite 16
09:30 - 13:00  ISBT WP on Information Technology* (Executive Committee Meeting)  Capital Suite 14&15
10:00 - 13:00  ISBT Standing Committee of Ethics*  Capital Suite 6
10:30 - 14:00  ISBT WP on Haemovigilance  Capital Suite 13
12:00 - 16:00  ISBT WP on Quality Management  Capital Suite 4
13:00 - 16:00  ISBT WP on Information Technology* (Membership Assembly)  Capital Suite 14&15
14:00 - 15:30  Presidents of National Societies Meeting*  Capital Suite 13
14:00 - 16:00  ISBT WP on Blood Supply Management*  Capital Suite 1
15:30 - 17:00  ISBT WP on Granulocyte Immunobiology  Capital Suite 2&3
ISBT Working Parties & other meetings

All meetings will take place at ExCel Exhibition and Convention Centre
* = by invitation only

Monday, June 29
10:00 - 11:30  ISBT WP on Cellular Therapies  Capital Suite 6&13
12:00 - 14:00 ISBT ISAC Meeting*  Capital Suite 6&13

Tuesday, June 30
10:30 - 11:15 Exhibitors Meeting  Capital Suite 13
12:30 - 13:30 ISBT General Assembly*  Capital Suite 2&4
13:30 - 14:30 Standing Committee of the ISBT Academy*  Capital Suite 6

Wednesday, July 1
13:30 - 17:00 Biomarkers and Disease Meeting*  Capital Suite 6&13

The detailed agendas for the Working Party meetings are available on the Congress Website:
www.isbtweb.org/London
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 10 minutes before the beginning of the session.

Photographing and videoing during sessions
Please note it is prohibited to take pictures or video-recordings during sessions.

Abstracts
Abstracts are printed as a supplement of Vox Sanguinis. All abstracts are listed in the Programme Book and can be downloaded through the Wiley Vox Sanguinis website, the ISBT Congress website and Mobile Application.

ISBT Science Series
The Science Series containing the State of the Art Papers accompanying the 25th Regional congress, will be available online by the end of this year.

Certificates of Attendance
Certificates of Attendance will be available at the Registration desk as of Tuesday, June 30 at 12:00 hours.

Speaker Ready Room
The Speaker Ready Room is located at Capital Suite 17 on the third floor. Speakers are requested to bring their presentations to the Speaker Ready Room on an USB stick at least 3 hours prior to their presentation time schedule. 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. Only PowerPoint presentations made in Microsoft Office XP or earlier versions will be accepted. The use of your own laptop during your presentation is NOT possible.

Opening hours of the Speaker Ready Room are as follows:
- Saturday: June 27, 08:00 - 16:00 hours
- Sunday: June 28, 08:00 - 17:00 hours
- Monday: June 29, 08:00 - 17:30 hours
- Tuesday: June 30, 08:00 - 17:30 hours
- Wednesday: July 1, 08:00 - 12:00 hours

Programme changes
The organisers cannot assume liability for any changes in the programme due to external or unforeseen circumstances.
Harold Gunson Fellowships
The ISBT awards Harold Gunson Fellowships to people younger than 40 years from low and medium development index countries included in the UN Development Programme (UNDP). Fourteen people received fellowships for this congress.

EACCME
The ‘International Society of Blood Transfusion’ (or) 25th Regional Congress of the ISBT is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.

The 25th Regional Congress of the ISBT is designated for a maximum of (or ‘for up to’) 24 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.
ISBT Mobile Application

A smartphone Mobile Application is available for delegates, which provides a convenient and comprehensive way to navigate through the ISBT 2015 Congress. This application is also a way to receive and utilise industry information before, during and after the Congress.

The ISBT application features include:

• Interactive Exhibitor List
• Exhibitor Information
• Overview of Congress Programme
• Real-time Congress alerts via text messaging
• Social media interaction with live feed of Tweets including #ISBTO
• All abstracts

This mobile application provides delegates with Congress information and allows delegates to engage with each other before, during and after the Congress.

Please scan the QR code to download the App
### Programme at a Glance
#### Sunday, June 28

<table>
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<th>Time</th>
<th>Capital Suite 7-8-9</th>
<th>Capital Suite 10-11-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:30 - 08:30</td>
<td>Transfusion Practitioners Breakfast  <em>Capital Suite 6 (registration required)</em></td>
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<tr>
<td>09:00 - 10:30</td>
<td>2A-S01 Foundations of Good Practice</td>
<td>2A-S02 Power Tools in the Immunohaematology Toolbox</td>
</tr>
<tr>
<td>10:30 - 11:00</td>
<td>Coffee Break</td>
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</tr>
<tr>
<td>11:00 - 12:30</td>
<td>2B-S03 Getting the most out of Blood Components</td>
<td>2B-S04 Clinical Dilemmas with Red Cell Antibodies</td>
</tr>
<tr>
<td>12:30 - 13:30</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>13:30 - 15:00</td>
<td>2C-S05 Emerging Threats to Blood Safety</td>
<td>2C-S06 Changing Patterns in Transfusion Practice</td>
</tr>
<tr>
<td>15:00 - 15:30</td>
<td>Coffee Break</td>
<td></td>
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<tr>
<td>15:30 - 17:00</td>
<td>2D-S07 Facets of Cell Therapy</td>
<td>2D-S08 Improving Patient Safety – the Role of the Transfusion Practitioner</td>
</tr>
<tr>
<td>17:30 - 18:30</td>
<td>Opening Ceremony</td>
<td>22:00 - 21:00 Opening of the Trade Exhibition and Welcome Reception</td>
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<tr>
<td>18:30 - 21:00</td>
<td>Opening of the Trade Exhibition and Welcome Reception</td>
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</table>
Programme at a Glance

Monday, June 29

07:00 - 08:00  Young Investigator Breakfast
08:30 - 10:00  Sunborn Yacht (registration required)
10:30 - 12:00  Young Investigator Breakfast
12:00 - 14:00  Plenary Session I From Donor to Patient
14:00 - 15:30  Transfusion and Prions
15:30 - 16:30  Coffee Break
16:00 - 17:30  Pediatric Transfusion
17:30 - 18:30  Poster session (Poster Hall)
Programme at a Glance

Wednesday, July 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>08:30 - 10:00</td>
<td>Plenary Session 3</td>
<td>5A-S32</td>
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<tr>
<td>10:00 - 10:30</td>
<td>Coffee Break</td>
<td>5A-S31</td>
</tr>
<tr>
<td>10:30 - 12:00</td>
<td>Oxygen, Red Cells &amp;</td>
<td>5B-PL3</td>
</tr>
<tr>
<td></td>
<td>Transfusion</td>
<td></td>
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<tr>
<td>12:00 - 12:30</td>
<td>Closing Ceremony</td>
<td>5A-S33</td>
</tr>
<tr>
<td>12:30 - 13:30</td>
<td>Farewell Lunch (Registration area)</td>
<td>Capital Suite 2-3-4</td>
</tr>
</tbody>
</table>

- Immunobiology of Blood Cells
- Blood Safety
- Clinical
- Donors / Donation
- Cellular Therapies
- Plenary Session
- Selected Abstracts
Saturday June 27
SHOT Symposium

10:00 - 10:05
1A-S01-01
CHAIR’S INTRODUCTION

10:05 - 10:15
1A-S01-02
TOWARDS UNIFIED HAEMOVIGILANCE IN THE UK - UPDATE
Paula Bolton-Maggs

10:15 - 10:45
1A-S01-03
SHOT 2014 REPORT WHAT’S NEW?
Paula Bolton-Maggs

11:00 - 11:30
1A-S01-05
INTRODUCTION TO THE NEW ISBT IMMUNOHAEMATOLOGY WORKING PARTY
Sandra Nance

11:30 - 12:00
1A-S01-06
INTERNATIONAL COLLABORATION FOR LABORATORY PRACTICE?
AN INTERNATIONAL LABORATORY FORUM
Bill Chaffe

12:00 - 12:30
1A-S01-07
HAEMOVIGILANCE, NATIONAL AUDIT AND EQA WORKING TOGETHER TO IMPROVE TRANSFUSION PRACTICE
Megan Rowley

12:30 - 13:30 Lunch and Trade exhibition
Saturday June 27

13:30 - 16:00
Capital Suite 10-11-12
SHOT Symposium
Afternoon Session
Chair: Dafydd Thomas

13:30 - 14:00
1B-S02-01
BLOOD MATTERS IN EBOLA
Heidi Doughty

14:00 - 14:30
1B-S02-02
DONOR HAEMOVIGILANCE AN INTERNATIONAL PERSPECTIVE
Jo Wiersum

14:30 - 14:50
1B-S02-03
PARALLELS WITH SHOT: PARTNERSHIPS PROGRESSING INTEGRATED REPORTING AND FEEDBACK SYSTEMS
John Wilkinson

14:50 - 15:50
1B-S02-04
WHY DON'T YOU HEAR WHAT I AM SAYING? (LANGUAGE AND COMMUNICATION)
Jane Keidan

15:50 - 16:00
1B-S02-05
SUMMING UP
Sunday June 28

07:30 - 08:30  
Capital Suite 6

Transfusion Practitioners Breakfast
(Pre Registration required)

An informal event where you can share ideas on all aspects of being at the sharp end of transfusion practice including patient blood management.
Designated tables for different topics related to the work of the transfusion practitioner - haemovigilance, audit, cell salvage, pre-op optimisation, anaemia management etc.
Sunday June 28

09:00 - 10:30
Capital Suite 7-8-9

ISBT Academy Day
Foundations of Good Practice
Moderators: M. Goldman (Canada), P. van den Burg (The Netherlands)

09:00 - 09:30
DONOR COMPENSATION AND REMUNERATION - IS THERE REALLY A DIFFERENCE?
2A-S01-01
G. Folléa
European Blood Alliance, Montgermont, France

09:30 - 10:00
TOWARDS COMMON LANGUAGE AND UNDERSTANDING IN DONOR HEALTH AND VIGILANCE
2A-S01-02
J.C. Wiersum-Osselton
TRIP National hemovigilance and biovigilance office and Sanquin Blood Supply, Leiden, The Netherlands

10:00 - 10:30
GUIDELINES FOR GOOD PRACTICE IN BLOOD BANKS
2A-S01-03
C. Schärer
Swissmedic, Swiss Agency for Therapeutic Products, Bern, Switzerland
Sunday June 28

09:00 - 10:30
Capital Suite 10-11-12
ISBT Academy Day
Power Tools in the Immunohaematology Toolbox

Moderators: G. Daniels (United Kingdom), S. Nance (United States of America)

09:00 - 09:30
AN UPDATE ON HUMAN BLOOD GROUPS
2A-S02-01
J.R. Storry
Region Skåne, Office of Medical Services, Lund, Sweden

09:30 - 10:00
POWERFUL TOOLS FOR RESOLVING ANTIBODY PROBLEMS
2A-S02-02
J.R. Hamilton
American Red Cross-Southeastern Michigan Region, Detroit, United States of America

10:00 - 10:30
HOW TO EXPLAIN DISCREPANT RESULTS BETWEEN SEROLOGY AND GENOTYPING IN IMMUNOHAEMATOLOGY
2A-S02-03
T. Peyrard
Institut National de la Transfusion Sanguine (INTS) & Lab. of Excellence GR-Ex, Paris, France

10.30 - 11.00  Coffee Break
Sunday June 28

11:00 - 12:30
Capital Suite 7-8-9

ISBT Academy Day
Getting the Most out of Blood Components
Moderators: C. Velati (Italy), D. Teo (Singapore)

11:00 - 11:30
OPTIMISING THE BLOOD COMPONENT PRODUCTION PROCESS
2B-S03-01
J.C. Cid
Hospital Clinic, Barcelona, Spain

11:30 - 12:00
INTRODUCING THE RED CELL STORAGE LESION
2B-S03-02
D. Devine
Canadian Blood Services, Vancouver, Canada

12:00 - 12:30
RECENT ADVANCES IN PLATELET PROCESSING AND STORAGE
2B-S03-03
M. Lozano
University Clinic Hospital, Barcelona, Spain
Sunday June 28

11:00 - 12:30
Capital Suite 10-11-12

ISBT Academy Day
Clinical Dilemmas with Red Cell Antibodies
Moderators: M. Contreras (United Kingdom), N. Marwaha (India)

11:00 - 11:30
HANDLING THE PRE-TRANSFUSION REQUEST FOR BLOOD IN COMPLEX CASES
2B-S04-01
S. Nance
American Red Cross, Philadelphia, United States of America

11:30 - 12:00
MANAGING THE BLEEDING EMERGENCY IN A PATIENT WITH RED CELL ANTIBODIES
2B-S04-02
A. Norgaard
Rigshospitalet Copenhagen University Hospital, Copenhagen, Denmark

12:00 - 12:30
MANAGING THE PATIENT WITH HAEMOGLOBINOPATHY AND MULTIPLE RED CELL ANTIBODIES
2B-S04-03
C. Politis
Coordinating Haemovigilance Centre, Athens, Greece

12:30 - 13:30 Lunch
Sunday June 28

13:30 - 15:00
Capital Suite 7-8-9

ISBT Academy Day
Emerging Threats to Blood Safety
*Moderators: M. Satake (Japan), S. Stramer (United States of America)*

13:30 - 14:00
2C-S05-01
CAN WE MAKE THE PRE-DONATION SCREENING PROCESS MORE EFFECTIVE?
R.A.C. Norda
Uppsala University Hospital, Uppsala, Sweden

14:00 - 14:30
2C-S05-02
ASSESSING THE RISK OF TRANSFUSION-TRANSMITTED EMERGING INFECTIONS
D.D. Domanovic
European Centre for Disease Prevention and Cotrol, Stockholm, Sweden

14:30 - 15:00
2C-S05-03
WEST NILE FEVER, MALARIA, CHIKUNGUNYA AND DENGUE IN EUROPE - THE MOSQUITOES HAVE LANDED
H.L. Zaaijer
Sanquin Blood Supply Foundation, Amsterdam, The Netherlands
Sunday June 28

13:30 - 15:00
Capital Suite 10-11-12

ISBT Academy Day
Changing Patterns in Transfusion Practice

*Moderators: S. Hindawi (Saudi Arabia), S.Y. Kwon (Korea)*

**13:30 - 14:00**
MANAGING ANAEMIA IN AN OUTPATIENT SETTING

2C-S06-01
K. Pendry
NHS Blood and Transplant, Manchester, United Kingdom

**14:00 - 14:30**
AUTOIMMUNE HAEMOLYTIC ANAEMIA (AIHA)

2C-S06-02
S. Allard
NHS Blood & Transplant, London, United Kingdom

**14:30 - 15:00**
ALTERNATIVE STRATEGIES TO PLATELET TRANSFUSION

2C-S06-03
M. Lozano
University Clinic Hospital, Barcelona, Spain

**15:00 - 15:30**
Coffee Break
Sunday June 28

15:30 - 17:00
Capital Suite 7-8-9
ISBT Academy Day
Facets of Cell Therapy
Moderators: M. Koh (United Kingdom), K. Tadokoro (Japan)

15:30 - 16:00
NEW PERSPECTIVES ON PERIPHERAL BLOOD STEM CELL COLLECTION. FACETS OF CELL THERAPY. ISBT ACADEMY DAY.
C. Chabannon
Institut Paoli-Calmettes, Marseille, France

16:00 - 16:30
CHOOSING THE RIGHT BLOOD PRODUCTS FOR THE TRANSPLANT PATIENT
C. Gabriel
Austrian Red Cross, Blood Centre Linz, Linz, Austria

16:30 - 17:00
PROGRESS IN IN-VITRO RED CELL GENERATION - ARE WE THERE YET?
L. Douay
Université Pierre et Marie Curie, Etablissement Français du Sang, Paris, France
Sunday June 28

15:30 - 17:00
Capital Suite 10-11-12
ISBT Academy Day
Improving Patient Safety - the Role of the Transfusion Practitioner
Moderators: E. Wood (Australia), E. Zhiburt (Russia)

15:30 - 16:00
MY ROLE AS A TRANSFUSION PRACTITIONER IN A UK NHS TEACHING HOSPITAL
2D-S08-01
R.L. Moss
Imperial College Healthcare NHS Trust, London, United Kingdom

16:00 - 16:30
MY ROLE AS A TRANSFUSION PRACTITIONER IN THE NETHERLANDS
2D-S08-02
R. Deelen
IJsseland Ziekenhuis, Krimpen a/d IJssel, The Netherlands

16:30 - 17:00
THE ROLE OF THE TRANSFUSION PRACTITIONER IN AUSTRALIA
2D-S08-03
L.J. Bielby
Blood Matters, West Melbourne, Australia

17:30 - 18:30
Opening Ceremony
(Auditorium)

18:30 - 21:00
Opening of the Trade Exhibition and Welcome Reception
Monday June 29

07:00 - 08:00
Sunborn Yacht

Young Investigator Breakfast
(Pre Registration required)

A breakfast for Young Investigators in Transfusion Medicine. Meet other young investigators and share your experiences and meet experts in the field willing to answer your questions.
Monday June 29

08:30 - 10:00
Auditorium

Immunology of Blood Cells
Immunological mechanisms
*Moderators: S. Armstrong (United Kingdom), J.R. Storry (Sweden)*

08:30 - 09:00
FACTORS INFLUENCING ASPECTS OF NAITP
3A-S01-01
G. Vidarsson
Sanquin Research, Amsterdam, The Netherlands

09:00 - 09:15
GLYCOSYLATION ANALYSIS OF MONOCLONAL ANTI-D ANTIBODIES REVEALS CELL LINE DEPENDENT GLYCOSYLATION PATTERNS DIFFERING FROM POLYCLONAL ANTI-D; IMPLICATIONS FOR BIOLOGICAL EFFICACY
3A-S01-02
B.M. Kumpel
NHS Blood and Transplant, Bristol, United Kingdom

09:15 - 09:30
GENERATION OF DE NOVO PRIMARY ANTI-HUMAN PLATELET ANTIBODY (HPA)-1A RESPONSES REQUIRES PLACENTAL SYNCYTIOPLASMA MICROPARTICLES
3A-S01-03
B.M. Kumpel
NHS Blood and Transplant, Bristol, United Kingdom

09:30 - 09:45
HYPERIMMUNIZATION WITH RHD GENERATES A BROAD AND PERSISTENT REPERTOIRE OF IGM- AND IGG- ANTIGEN-SPECIFIC B CELLS
3A-S01-04
C.E. van der Schoot
Sanquin, Amsterdam, The Netherlands

09:45 - 10:00
RHD IMMUNIZATION DESPITE ADEQUATE IMMUNOPROPHYLAXIS: ROLE OF FC GAMMA RECEPTOR GENE POLYMORPHISMS
3A-S01-05
T.C. Stegmann
Sanquin Blood research, Amsterdam, The Netherlands
Monday June 29

08:30 - 10:00  
Capital Suite 7-8-9

Blood Safety

Adverse Reactions

Moderators: H. Tinegate (United Kingdom), F.C. Cognasse (France)

08:30 - 09:00
3A-S02-01
USE OF AND REACTIONS TO FRESH FROZEN PLASMA
P.H.B. Bolton-Maggs
NHSBT, Manchester, United Kingdom

09:00 - 09:20
3A-S02-02
75-NM NANOFILTRATION OF PLASMA REMOVES PLATELET MICROPARTICLES THAT TRIGGER NEUTROPHIL EXTRACELLULAR TRAPS (NETS) IN VITRO
T. Burnouf
Taipei Medical University, Taipei, Taiwan

09:20 - 09:40
3A-S02-03
DELAYS IN TRANSFUSION - WHAT CAN WE LEARN AFTER 5 YEARS REPORTING TO THE SERIOUS HAZARDS OF TRANSFUSION (SHOT) UK HAEMOVIGILANCE SCHEME
J. Ball
Serious Hazards of Transfusion, Manchester, United Kingdom

09:40 - 10:00
3A-S02-04
ARE THE ‘RULES’ FOR TIMES IN SETUP AND DURATION OF RED CELL TRANSFUSION TOO STRICT?
K. Foley
Serious Hazards of Transfusion Office, Manchester, United Kingdom
Monday June 29

08:30 - 10:00
Capital Suite 10-11-12

Selected Abstracts
Quality Issues and Blood Utilization
Moderators: K. Titlestad (Denmark), P. Strengers (The Netherlands)

08:30 - 08:45
3A-S03-01
THE USE OF A HIGHER TRIGGER FOR FIBRINOGEN SUBSTITUTION IN MAJOR PEDIATRIC SURGERY DOES NOT LEAD TO AN INCREASE IN COSTS
T. Haas
Zurich University Children's Hospital, Zurich, Switzerland

08:45 - 09:00
3A-S03-02
FACTORS INFLUENCING THE DECISION OF VIRAL TESTING: APPLYING PHARMA-ECONOMICS TO THE CURRENT TESTING STRATEGY USED BY SA NATIONAL BLOOD SERVICE
C.F. Coleman
SA National Blood Service, Roodepoort, South Africa

09:00 - 09:15
3A-S03-03
RECENT TRENDS IN BLOOD COMPONENT TRANSFUSIONS AT A POPULATION LEVEL
P. Robillard
Hema-Quebec, Montreal, Canada

09:15 - 09:30
3A-S03-04
DETERMINATION OF THE TOP INDICATIONS FOR RED BLOOD CELL USE IN LARGE EUROPEAN HOSPITALS TO IDENTIFY AREAS FOR PATIENT BLOOD MANAGEMENT (PBM) INTERVENTIONS
M.G.J. van Kraaij
Sanquin Blood Supply, Amsterdam, The Netherlands

09:30 - 09:45
3A-S03-05
QUALITY MANAGEMENT AND INSPECTION OF BLOOD AND BLOOD COMPONENTS FOLLOWING GMP STANDARDS AND THE EUROPEAN DIRECTIVES
C. Seidl
Institute of Transfusion Medicine and Immunohematology, Red Cross Blood Donor Se, Frankfurt am Main, Germany

09:45 - 10:00
3A-S03-06
TWENTY YEARS OF JOINT WORKING TO MONITOR BLOOD SAFETY IN THE UK: 1995-2014
C.A. Reynolds
Public Health England, London, United Kingdom
Monday June 29

08:30 - 10:00
Capital Suite 14-15-16

Cellular Therapies
Blood pharming

Moderators: S. Thomas (United Kingdom), M.B. Hansen (Denmark)

08:30 - 09:00
MAKING PLATELETS FROM STEM CELLS
3A-S04-01
C. Ghevaert
University of Cambridge and NHS Blood and Transplant, Cambridge, United Kingdom

09:00 - 09:15
IN VIVO SURVIVAL COMPARISON OF HUMAN CULTURED
3A-S04-02
RETICULOCYTES AND ADULT RED BLOOD CELLS IN MICE
S. Taylor
NHS Blood and Transplant, Bristol, United Kingdom

09:15 - 09:30
COMPARISON OF CD34+ CELLS DERIVED FROM CORD UMBILICAL
3A-S04-03
BLOOD AND ADULT PERIPHERAL BLOOD CULTURED EX VIVO IN A 3
STAGE CULTURE SYSTEM
C.A. Green
NHS Blood and Transplant, Bristol, United Kingdom

09:30 - 09:45
ENUCLEATION IN CULTURED ERYTHROID CELLS FROM HUMAN
3A-S04-04
PERIPHERAL BLOOD AND IMMORTALISED HUMAN ERYTHROID
PROGENITOR CELL LINES
R.E. Griffiths
NHS Blood and Transplant, Bristol, United Kingdom

09:45 - 10:00
NUMERICAL INVESTIGATION OF THE CRITICAL DIAMETER FOR A
3A-S04-05
STENOSED CAPILLARY TO PREVENT THE MOTION OF RED BLOOD
CELLS
R.L.P. Flower
Australian Red Cross Blood Service, Kelvin Grove, Australia
Monday June 29

08:30 - 10:00
Capital Suite 2-3-4

Donors/Donation
Donor recruitment and retention
Moderators: A. Wells (United Kingdom), W. de Kort (The Netherlands)

08:30 - 09:00
ENGAGING ETHNIC MINORITY BLOOD DONORS
3A-S05-01
J. Charbonneau
INRS, Montreal, Canada

09:00 - 09:15
DONOR MOBILIZATION AND BLOOD COLLECTION: CHALLENGES AND OPPORTUNITIES - THE UGANDA BLOOD TRANSFUSION SERVICES
3A-S05-02
D.K. Byabazaire
UBTS, Kampala, Uganda

09:15 - 09:30
DONOR RECRUITMENT: MEETING THE NEEDS OF BAME/RARE BLOOD DONORS
3A-S05-03
R. Anand
NHS Blood and Transplant, Birmingham, United Kingdom

09:30 - 09:45
SEX AND RACIAL/ETHNIC DISPARITIES IN INITIAL DONATION SUCCESS AND FUTURE RETURN AMONG FIRST-TIME DONOR PRESENTERS
3A-S05-04
W.R. Steele
American Red Cross, Rockville, United States of America

09:45 - 10:00
SOCIO-DEMOGRAPHIC DESCRIPTION OF DANISH BLOOD DONORS
3A-S05-05
K.B. Burgdorf
Copenhagen University Hospital/Rigshospitalet, Copenhagen, Denmark

10:00 - 10:30
Coffee break
Monday June 29

10:30 - 12:00
Auditorium

Plenary Session

Moderator: L. Williamson (United Kingdom), P. Flanagan (New Zealand)

10:30 - 11:00
BLOOD DONATION AND ALTRUISM
3B-PL1-01
E. Ferguson
School of Psychology University of Nottingham, United Kingdom

11:00 - 11:30
IRON REGULATION IN HEALTH AND DISEASE
3B-PL1-02
D.W. Swinkels
Radboud UMC, Nijmegen, United Kingdom

11:30 - 12:00
COAGULOPATHY AND HAEMOSTASIS IN THE BLEEDING TRAUMA
PATIENT: A CLINICAL VIEW
3B-PL1-03
C. Gaarder
Department of Traumatology Oslo University Hospital, Norway
Monday June 29

14:00 - 15:30
Auditorium

Blood Safety
Transfusion and Prions

Moderators: J. Wallis (United Kingdom), R. Dodd (United States of America)

14:00 - 14:30
UPDATE ON VARIANT CJD AND TRANSFUSION RISK
3C-S06-01
G. Will
National CJD Unit, Edinburgh, United Kingdom

14:30 - 14:45
ASSESSING THE RISK OF BLOOD BORNE TRANSMISSION OF
CLASSIC FORMS OF CREUTZFELDT-JAKOB DISEASE: A TWENTY-YEAR
LOOKBACK STUDY
3C-S06-02
W.R. Steele
American Red Cross, Rockville, United States of America

14:45 - 15:00
IS THERE ANY EVIDENCE THAT SCJD COULD BE TRANSMITTED BY
TRANSFUSION OF BLOOD COMPONENTS
3C-S06-03
P.E. Hewitt
NHS Blood and Transplant, London, United Kingdom

15:00 - 15:15
VARIANT CJD AND BLOOD TRANSFUSION: CONTINUING SURVEILLANCE
TO IDENTIFY THE SIZE OF THE PROBLEM.
3C-S06-04
P.E. Hewitt
NHS Blood and Transplant, London, United Kingdom

15:15 - 15:30
DO BLOOD COMPONENTS FROM YOUNG DONORS POSE A
TRANSFUSION RISK TO VERY YOUNG RECIPIENTS?
3C-S06-05
P. Patel
NHS Blood and Transplant, London, United Kingdom
Monday June 29

14:00 - 15:30
Capital Suite 7-8-9

**Immunology of Blood Cells**

Haemostasis and Platelets

*Moderators: M. Rowley (United Kingdom), E. van der Schoot (The Netherlands)*

### 14:00 - 14:30

**THE EMERGING ROLE FOR RED BLOOD CELLS IN HEMOSTASIS: OPPORTUNITY FOR INTERVENTION.**

3C-S07-01

B. Cines
University of Pennsylvania, Philadelphia, United States of America

### 14:30 - 14:45

**THE EFFECTS OF THREE NOVEL MUTATIONS IN ITGB3 ON PROTEIN EXPRESSION IN VITRO EXPRESSON SYSTEM**

3C-S07-02

Y. Liu
Blood Center of Zhejiang Province, Hangzhou, China

### 14:45 - 15:00

**A MULTI-CENTRE VALIDATION OF RECOMBINANT β3 INTEGRINS COUPLED TO BEADS TO DETECT HUMAN PLATELET ANTIGEN-1 ANTIBodies IN 498 FETOMATERNAL ALLOIMMUNE THROMBOCYTOPENIA CASES**

3C-S07-03

W. Chong
NHS Blood and Transplant, London, United Kingdom

### 15:00 - 15:15

**A CHROMATOGRAPHICALLY PURIFIED, VIRALLY INACTIVATED, PLASMA-DERIVED ANTI-HUMAN PLATELET ANTIGEN-1A IMMUNOGLOBULIN G FOR PREVENTING FETAL AND NEONATAL ALLOIMMUNE THROMBOCYTOPENIA**

3C-S07-04

Y.J. Weng
Taipei Medical University, Taipei, Taiwan

### 15:15 - 15:30

**MOLECULAR AND SEROLOGIC STUDY OF SIMULTANEOUS OCCURENCE OF NEONATAL ALLOIMMUNE THROMBOCYTOPENIA AND NEUTROPENIA**

3C-S07-05

L.C.N.S. Nogueira-Silva
Universidade Federal de São Paulo, São Paulo, Brazil
Monday June 29

14:00 - 15:30
Capital Suite 10-11-12

Clinical
Near Patient Testing

Moderators: D. Thomas (United Kingdom), A. Noergaard (Denmark),

14:00 - 14:30
SYSTEMATIC REVIEW OF THROMBO-ELASTOGRAPHY
3C-S08-01
C. Hyde
Public Health and Clinical Epidemiology, University of Exeter Medical School, United Kingdom

14:30 - 15:00
COAGULOPATHY MANAGEMENT AND THE TEG: CLINICAL EXPERIENCE
3C-S08-02
D. Fries
Department for General and Surgical Intensive Care Medicine, Innsbruck, Austria

15:00 - 15:15
COMPARISON OF THROMBOELASTOGRAPHY AND CONVENTIONAL COAGULATION TESTS TO MONITOR FRESH FROZEN PLASMA TRANSFUSIONS IN INTENSIVE CARE UNIT PATIENTS
3C-S08-03
A.J. Praveen
Government Medical College and Hospital, Chandigarh, India

15:15 - 15:30
DO PLATELET COUNTS MATTER? THROMBOELASTOMETRY, COAGULATION, PLATELET PARAMETERS AND BLEEDING IN PATIENTS WITH CHRONIC LIVER DISEASE AND THROMBOCYTOPENIA
3C-S08-04
A. Boateng
NHS, London, United Kingdom
Monday June 29

14:00 - 15:30
Capital Suite 14-15-16

Selected Abstracts
Quality, Training and IT

Moderators: M. Bruce (United Kingdom), G. Folléa (France)

14:00 - 14:15
BRIDGING THE GAP BETWEEN THEORY AND PRACTICE IN UK TRANSFUSION LABORATORIES - APPLICATION OF A KNOWLEDGE BASED COMPETENCY SCHEME (TACT)
C. Whitham
UK NEQAS (BTLP), Watford, United Kingdom

14:15 - 14:30
THE REVIEW OF WHO DISTANCE LEARNING PROGRAM OF BLOOD SAFETY IN CHINA: 2002-2013
X. Zheng
Blood Center of Zhejiang Province, Hangzhou, China

14:30 - 14:45
DEVIAITON MANAGEMENT USING AN ELECTRONIC DOCUMENT MANAGEMENT SYSTEM: RESULTS OF TWO YEARS OF EXPERIENCE
M. Schmidt
GRC - Blood Donor Service Baden-Wuerttemberg - Hessen, Frankfurt, Germany

14:45 - 15:00
A REGIONAL BLOOD CENTRE EXPERIENCE IN BLOOD SUPPLY MANAGEMENT AND KPI
M.C.T. Muon
Portuguese Institute of Blood and Transplant, Coimbra, Portugal

15:00 - 15:15
USE OF RFID TECHNOLOGY IN BLOOD COMPONENT TRANSPORTATION: AN ITALIAN EXPERIENCE (DIMT VICENZA) IN UNIFYING WORKING CENTRES
C.S. Sardella
ULSS 4 „ALTO VICENTINO„, Santorso, Italy

15:15 - 15:30
SLOVENIAN NATIONAL TELEMEDICINE SYSTEM FOR REMOTE INTERPRETATION OF RED CELL LABORATORY TESTING
M. Macek Kvanka
Blood transfusion centre of Slovenia, Ljubljana, Slovenia
Monday June 29

14:00 - 15:30  
Capital Suite 2-3-4  

Donors/Donation  
Component Storage  

Moderators: R. Cardigan (United Kingdom), D. Devine (Canada)

14:00 - 14:30  
NEW ADDITIVE SOLUTIONS FOR RED CELLS  
3C-S10-01  
D. de Korte  
Sanquin Blood Bank, Amsterdam, The Netherlands

14:30 - 14:45  
STORAGE OF WASHED RED BLOOD CELLS IN ESOL-5 INCREASES MEMBRANE RESISTANCE TO OSMOTIC STRESS AND REDUCES MEMBRANE BREAKDOWN  
3C-S10-02  
Y.S. Loh  
Australian Red Cross Blood Service, Sydney, Australia

14:45 - 15:00  
DEGREE OF HEMOLYSIS IN STORED RED CELL CONCENTRATES PREPARED FROM WHOLE BLOOD UNITS WITH LIPEMIC PLASMA  
3C-S10-03  
D. de Korte  
Sanquin Blood Bank, Amsterdam, The Netherlands

15:00 - 15:15  
CLINICAL SAFETY AND EFFICACY OF RED BLOOD CELL COMPONENTS TREATED WITH THE S-303 PATHOGEN INACTIVATION SYSTEM - A RANDOMIZED CONTROLLED DOUBLE-BLIND PHASE 3 STUDY IN PATIENTS REQUIRING TRANSFUSION SUPPORT OF ACUTE ANEMIA  
3C-S10-04  
V. Brixner  
DRK Blutspendedienst Baden-Württemberg - Hessen gGmbH, Frankfurt, Germany

15:15 - 15:30  
MICROVESICLE PRODUCTION AND THE REVERSIBILITY OF THE POTASSIUM LEAK IN STORED RED CELLS FROM HEALTHY DONORS  
3C-S10-05  
W.M.S. Bawazir  
National Health Service, Blood and Transplant, Bristol, United Kingdom

15:30 - 16:00  
Coffee break
Monday June 29

16:00 - 17:30
Auditorium

Immunology of Blood Cells
Cellular Microparticles in Transfusion

Moderators: T. Burnouf (Taiwan), M.R.L. Looney (United States of America)

16:00 - 16:30
BLOOD MICROVESICLES: A PATHOPHYSIOLOGIC REALITY OR A LABORATORY EVENT?
3D-S11-01
J.D.T. Tissot
Interregional Blood Transfusion SRC, Epalinges, Switzerland

16:30 - 16:45
MICROVESICLES AS INDICATORS AND MEDIATORS OF INFLAMMATORY REACTIONS IN RESPONSE TO TRANSFUSION DURING CARDIAC SURGERY.
3D-S11-02
M.W. Wozniak
University of Leicester, Leicester, United Kingdom

16:45 - 17:00
INFLAMMATION AND ORGAN INJURY FOLLOWING TRANSFUSION OF RED CELLS - THE ROLE OF MICROPARTICLES AND OXIDATIVE STRESS.
3D-S11-03
M.J. Wozniak
University of Leicester, Leicester, United Kingdom

17:00 - 17:15
MICROPARTICLES FROM STORED RED BLOOD CELL COMPONENT CAUSE ACUTE LUNG INJURY IN A MOUSE TWO EVENTS MODEL
3D-S11-04
R.F. Xie
Shanghai Blood Center, Shanghai, China

17:15 - 17:30
PACKED RED BLOOD CELL STORAGE IS ASSOCIATED WITH INCREASED MICROPARTICLE AND PROCOAGULANT PHOSPHOLIPID LEVELS
3D-S11-05
M. Dean
Australian Red Cross Blood Service, Brisbane, Australia
Monday June 29

16:00 - 17:30
Capital Suite 7-8-9

Blood Safety
Paediatric Transfusion

Moderators: H. New (United Kingdom), N. Marwaha (India)

16:00 - 16:30
THE RISK OF NECROTIZING ENTEROCOLITIS (NEC) AND OTHER COMPLICATIONS ASSOCIATED WITH RED BLOOD CELLS AND PLATELET TRANSFUSIONS IN SICK NEONATES

C. Dame
Department of Neonatology, Charité - Universitätsmedizin, Berlin, Germany

16:30 - 16:45
A SYSTEMATIC REVIEW AND META-ANALYSIS OF RISKS OF RED CELL TRANSFUSION FOR NEONATAL MORBIDITIES OR MORTALITY

A.K. Keir
University of Adelaide, North Adelaide, Australia

16:45 - 17:00
EVALUATING THE USE OF FRESH FROZEN PLASMA AND CRYOPRECIPITATE IN PAEDIATRIC INTENSIVE CARE

S.X.W. Poo
University of Cambridge, Cambridge, United Kingdom

17:00 - 17:15
BABIES MISBEHAVING

G. Crighton
Department of Epidemiology and Preventive Medicine, Monash University, Melbourne, Australia

17:15 - 17:30
THERAPEUTIC PLASMA EXCHANGE (TPE) FOR GUILLAIN-BARRÉ SYNDROME (GBS): OUTCOMES AND TOLERABILITY IN A PAEDIATRIC AND ADULT COHORT

H. Menif
CRTS Sfax, 99/UR/08-33, faculté de médecine de Sfax, université de Sfax, Sfax, Tunisia
Monday June 29

16:00 - 17:30
Capital Suite 10-11-12

Clinical
Platelet Transfusion in Clinical Practice

Moderators: A. Benton (United Kingdom), E. Wood (Australia)

16:00 - 16:30
3D-S13-01
DO ALL PATIENTS WITH HAEMATOLOGICAL MALIGNANCIES NEED PROPHYLACTIC PLATELETS?
S.J. Stanworth
NHS Blood & Transplant/Oxford University Hospitals and the University of Oxford, Oxford, United Kingdom

16:30 - 16:50
3D-S13-02
PLATELETES MADE HLA-DEFICIENT BY ACID TREATMENT AGGREGATE NORMALLY AND ESCAPE DESTRUCTION BY COMPLEMENT AND PHAGOCYTES IN THE PRESENCE OF HLA-ANTIBODIES
S.M. Meinke
Karolinska Institutet, Stockholm, Sweden

16:50 - 17:10
3D-S13-03
NEXT GENERATION SEQUENCING TO FACILITATE DONOR SELECTION USING HLA EPITOPE-BASED MATCHING FOR PATIENTS IMMUNOLOGICALLY REFRACTORY TO RANDOM PLATELET TRANSFUSIONS
S.R. Davey
NHS Blood and Transplant, London, United Kingdom

17:10 - 17:30
3D-S13-04
PLATELET COMPONENTS ASSOCIATED WITH ADVERSE REACTIONS: PREDICTIVE VALUE OF MITOCHONDRIAL DNA RELATIVE TO BIOLOGICAL RESPONSE MODIFIERS
F.C. Cognasse
French National Blood System (EFS), Saint-Etienne, France
Monday June 29

16:00 - 17:30
Capital Suite 14-15-16

Selected Abstracts
Progress in Developing Countries

Moderators: M. Contreras (United Kingdom), B. Mbaya (Malawi)

16:00 - 16:15
NHS BLOOD AND TRANSPLANT (NHSBT): EQUIPMENT REDISTRIBUTION PROGRAMME
S. Long
NHS Blood and Transplant, Filton, United Kingdom

16:15 - 16:30
REVISED RESEARCH PRIORITIES FOR BLOOD SERVICES IN SUB-SAHARAN AFRICA
I. Bates
LSTM, Liverpool, United Kingdom

16:30 - 16:45
REVIEW OF BLOOD SERVICES RESEARCH CAPACITY: A CASE OF NATIONAL BLOOD SERVICE ZIMBABWE
T. Mapako
National Blood Service Zimbabwe / University of Groningen, Netherlands, Harare, Zimbabwe

16:45 - 17:00
HEMOPHILIA CARE IN AFRICA: CHALLENGES AND OPPORTUNITIES
S.D. Diop
Universite Cheikh Anta Diop, Dakar Fann, Senegal

17:00 - 17:15
BLOOD SAFETY VERSUS LIMITED FINANCIAL RESOURCES: INNOVATIVE SOLUTION
D.E. Shabaan
Egyptian National Blood Transfusion Center, Cairo, Egypt

17:15 - 17:30
REGULATION OF BLOOD TRANSFUSION SERVICES IN ISLAMABAD, PAKISTAN: ISLAMABAD BLOOD TRANSFUSION AUTHORITY EXPERIENCE
U.W. Waheed
Ministry of National Health Services, Islamabad, Pakistan
Monday June 29

16:00 - 17:30
Capital Suite 2-3-4

Donors/Donation
Donor Health

Moderators: S. Barnes (United Kingdom), P. van den Burg (The Netherlands)

16:00 - 16:30
EFFECTIVE CREATION OF BIOMEDICAL RESEARCH INFRASTRUCTURE - FUTURE ROLE OF BLOOD BANKS
3D-S15-01
H.U. Ullum
Rigshospitalet, Copenhagen, Denmark

16:30 - 16:45
DEVELOPMENT OF STANDARD DEFINITIONS FOR SURVEILLANCE OF COMPLICATIONS RELATED TO BLOOD DONATION
3D-S15-02
M. Goldman
Canadian Blood Services, Ottawa, Canada

16:45 - 17:00
ASSESSING THE IMPACT OF DONOR ANXIETY ON THE YIELD OF APERESIS PLATELETS. A PSYCHOLOGICAL STUDY
3D-S15-03
I.Y.A. Avci
Gulhane Military Academy of Medicine, Ankara, Turkey

17:00 - 17:15
EMERGING TRENDS IN SERIOUS ADVERSE EVENTS OF DONATION IN NHSBT 2010-2014
3D-S15-04
N. Anderson
NHS Blood and Transplant, Bristol, United Kingdom

17:15 - 17:30
TWO DECADES OF RISK FACTORS AND TRANSFUSION-TRANSMISSIBLE INFECTIONS IN DUTCH BLOOD DONORS.
3D-S15-05
T.J.W. van de Laar
Sanquin Blood Supply Foundation, Amsterdam, The Netherlands

17:30 - 18:30
Poster Session (Exhibition area)
Tuesday June 30

08:30 - 10:00
Auditorium

Immunology of Blood Cells
Erythroid Regulation
Moderators: G. Daniels (United Kingdom), M. de Haas (The Netherlands)

08:30 - 09:00
4A-S16-01
UNRAVELING OF THE ROLE OF LONG NON-CODING RNAs IN HAEMATOPOIESIS
J.R. Alvarez-Dominguez
Whitehead Institute of Biomedical Research, Cambridge, United States of America

09:00 - 09:30
4A-S16-02
MIRNA REGULATION OF BLOOD GROUP ABO GENES.
T. Tonn
Institute of Transfusion Medicine, Medical Faculty Carl Gustav Carus, TU Dresden, Dresden, Germany

09:30 - 09:45
4A-S16-03
THE EXPRESSION LEVEL POLYMORPHISM OF OK ANTIGEN/BSG PROTEIN HIGHLY CORRELATES WITH RECOMBINANT PFRH5 BINDING
L. Ye
Shanghai Blood Center, Shanghai, China

09:45 - 10:00
4A-S16-04
ALTERED D ANTIGEN EXPRESSION IN A PATIENT WITH A SINGLE-NUCLEOTIDE POLYMORPHISM IN A GATA MOTIF OF THE RHD GENE PROMOTER
G. Ochoa
Progenika-Grifols, Medford, United States of America
Tuesday June 30

08:30 - 10:00
Capital Suite 7-8-9

Blood Safety
Pulmonary Adverse Effects
Moderators: M. Rowley (United Kingdom), J. Wiersum (The Netherlands)

08:30 - 09:00
GOOD BYE TRALI, GOOD MORNING TACO
4A-S17-01
P.R. Renaudier
Agence Régionale de Santé, Nancy, France

09:00 - 09:15
HAEMOVIGILANCE DATA FOR TRANSFUSION ASSOCIATED
CIRCULATORY OVERLOAD (TACO) PROVIDES A FRAMEWORK FOR
INFORMING PATIENT-TAILORED RATE AND VOLUME OF TRANSFUSION
S.L. Grey
Bolton NHS Foundation Trust, Manchester, United Kingdom

09:15 - 09:30
AN ANALYSIS OF CASES OF TRANSFUSION-ASSOCIATED CIRCULATORY
OVERLOAD (TACO) USING DIFFERENT DEFINITIONS (UK
HAEMOVIGILANCE SCHEME DATA 2014)
H. Lucero
SHOT, Manchester, United Kingdom

09:30 - 09:45
HEMOVIGILANCE IN THE US: INDEPENDENT VALIDATION BY THE
PRIVATE SECTOR
B.I. Whitaker
AABB, Bethesda, United States of America

09:45 - 10:00
EFFECT OF DONOR AGE ON SURVIVAL OF TRANSFUSED PATIENTS -
ANALYSIS OF OVER 1.5 MILLION RECIPIENTS FROM SCANDINAVIA
K. Vasan
Karolinska Institutet, Stockholm, Sweden
Tuesday June 30

08:30 - 10:00
Capital Suite 10-11-12

Clinical (Hyper)haemolysis

Moderators: N. Win (United Kingdom), F. Noizat-Pirenne (France)

08:30 - 09:00
4A-S18-01
MANAGEMENT OF HYPERHAEMOLYSIS AFTER A TRANSFUSION IN SICKLE CELL PATIENTS
P.B. Bartolucci
APHP-UPEC-INSERM, Créteil, France

09:00 - 09:15
4A-S18-02
RECOGNITION AND OBSERVATION OF CLEARANCE OF AN INAPPROPRIATE RHD POSITIVE RED CELL TRANSFUSION TO A RHD VARIANT INDIVIDUAL THROUGH THE USE OF AN ‘ENHANCED’ FLOWCYTOMETRY METHOD POST IV RHIG
M.J. Hazell
NHS Blood and Transplant, Bristol, United Kingdom

09:15 - 09:30
4A-S18-03
AUTO AND ALLO RED BLOOD CELL ANTIBODIES IN SICKLE CELL PATIENTS IN BRAZIL
L.A. Amorim
HEMORIO, Rio de Janeiro, Brazil

09:30 - 09:45
4A-S18-04
POST-TRANSFUSION HYPERHAEMOLYSIS SYNDROME(PTHS) IN A PREGNANT PATIENT WITH BETA THALASSAEMIA INTERMEDIA
S. Hebballi
Royal Derby Hospitals NHS Foundation Trust, Sutton Coldfield, United Kingdom

09:45 - 10:00
4A-S18-05
RESISTANT POST TRANSFUSION HYPERHAEMOLYSIS (PTH) SYNDROME IN SCD TREATED WITH ANTI-MACROPHAGE AGENT (CICLOSPORIN)
C. Mactier
University College Hospitals London NHS Foundation Trust, London, United Kingdom
Tuesday June 30

08:30 - 10:00
Capital Suite 14-15-16

Selected Abstracts
Transfusion Transmissible Infections

Moderators: L. Jarvis (United Kingdom), R. Benjamin (United States of America)

08:30 - 08:45
4A-S19-01
CURRENT PREVALENT, INCIDENT AND RESIDUAL RISK TO HIV INFECTION IN A COHORT OF VOLUNTEER BLOOD DONORS IN SÃO PAULO CITY, BRAZIL.
P.R. Araujo
Colsan-Associação Beneficente de Coleta de Sangue-São Paulo University-UNIFESP, São paulo, Brazil

08:45 - 09:00
4A-S19-02
IMPROVED BLOOD SAFETY BY DUAL TARGET NAT-SCREENING FOR HIV-1 - FIVE YEARS OF EXPERIENCE AT GERMAN RED CROSS FRANKFURT
K.H. Hourfar
German Red Cross Institute Frankfurt, Frankfurt, Germany

09:00 - 09:15
4A-S19-03
NUCLEIC ACID AMPLIFICATION TESTS IN HCMV INFECTION BY BLOOD SAMPLES: A META ANALYSIS
H. Bi
Wuhan blood center, Wuhan, China

09:15 - 09:30
4A-S19-04
CHALLENGES OF USING HIV AS A PRIMARY RISK INDICATOR: NEED FOR INTEGRATED BLOOD DONOR RISK MANAGEMENT MODEL
T. Mapako
National Blood Service Zimbabwe / University of Groningen, Netherlands

09:30 - 09:45
4A-S19-05
MOLECULAR AND FUNCTIONAL CHARACTERIZATION OF HEPATITIS B VIRUS STRAINS INFECTING BLOOD DONORS WITH HIGH HBSAG AND UNDETECTABLE HBV DNA LEVELS: IMPLICATIONS FOR BLOOD SAFETY AND SCREENING POLICY
D.C. Candotti
Institut National de la Transfusion Sanguine, Paris, France

09:45 - 10:00
4A-S19-06
PREVALENCE AND CLINICAL RELEVANCE OF IL28B AND IFN-L4 GENETIC POLIMORPHISMS IN THE CONTEXT OF ETHNIC ANCESTRY BACKGROUND OF POPULATIONS IN HCV/1B- INFECTED, PEG-IFN-A / RBV TREATED PATIENTS IN UZBEKISTAN
D. Sekler
Bechtel National Incorporated, Tashkent, Uzbekistan
Tuesday June 30

08:30 - 10:00
Capital Suite 2-3-4

**Donors/Donation**
Sex and Compliance

*Moderators: N. Anderson (United Kingdom), B. Custer (United States of America),*

08:30 - 09:00
**BLOOD DONATION AND ETHICS - PERSONAL REFLECTIONS ON THE**
**ISBT CODE OF ETHICS**

P. Flanagan
New Zealand Blood Service, Auckland, New Zealand

09:00 - 09:15
**DONOR COMPLIANCE IN THE NETHERLANDS REGARDING MALE TO**
**MALE SEX**

E.M. Merz
Sanquin Bloedvoorziening, Amsterdam, The Netherlands

09:15 - 09:30
**GETTING PERSONAL WITH UK BLOOD DONORS - THE FINDINGS OF**
**A LARGE SCALE ANONYMOUS BEHAVIOURAL SURVEY TO ASSESS**
**UNDERSTANDING OF, AND COMPLIANCE WITH, DONOR SELECTION**
**GUIDELINES**

K.L. Davison
Public Health England, London, United Kingdom

09:30 - 09:45
‘HIGHLIGHTS ON DONORS’ NIGHTLIVES’ - FINDINGS ON SEXUAL
**BEHAVIOURS FROM THE UK BLOOD DONOR SURVEY**

K.L. Davison
Public Health England, London, United Kingdom

09:45 - 10:00
**A NEW EVALUATION OF THE RISK OF TRANSFUSION-TRANSMITTED**
**HIV PREVENTED BY A 12-MONTH DEFERRAL BEFORE DONATION FOR**
**MEN WHO HAVE SEX WITH MEN IN FRANCE**

J. Pillonel
Institut de Veille Sanitaire, Saint-Maurice Cedex, France

10:00 - 10:30
**Coffee break**
Tuesday June 30

10:30 - 12:00
Auditorium

Plenary Session

Moderators: J. Roberts (United Kingdom), C. Bianco (United States of America),

10:30 - 11:00
NETS - THE SECOND FUNCTION OF CHROMATIN
4B-PL-2-01
A. Zychlinsky
Max Planck Institute for Infection Biology, Berlin, Germany

11:00 - 11:30
CURRENT CONCEPTS IN TRALI PATHOGENESIS
4B-PL-2-02
M.R.L. Looney
University of California, San Francisco, United States of America

11:30 - 12:00
TITRE2
4B-PL-2-03
G.J. Murphy
University of Leicester, Leicester, United Kingdom

12:00 - 14:00
Lunch

12:30 - 13:30
ISBT General Assembly (Capital Suite 14-15-16)
All Paid up members of the ISBT are encouraged to attend the General Assembly
### Immunology of Blood Cells

**Moderators:** D.J. Anstee (United Kingdom), L. Castilho (Brazil)

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<thead>
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<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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<tr>
<td>14:00 - 14:30</td>
<td>FROM GWAS TO FUNCTION: LESSONS FROM BLOOD CELLS</td>
<td>N.S. Soranzo</td>
<td>WTSI, Cambridge, United Kingdom</td>
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<td>14:30 - 14:45</td>
<td>MASS SPECTROMETRY REVEALS THE ENT1/SLC29A1 TRANSPORTER AS A NEW CARRIER OF A NON-ABH BLOOD GROUP ANTIGEN</td>
<td>B.A. Ballif</td>
<td>University of Vermont, Burlington, United States of America</td>
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<td>14:45 - 15:00</td>
<td>THE SEARCH IN RESOLVING THE ORPHAN STATUS OF THE RED BLOOD CELL ANTIGEN AUGUST (ATA)</td>
<td>R. Flower</td>
<td>Research and Development, Australian Red Cross Blood Service, Brisbane, Australia</td>
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<tr>
<td>15:00 - 15:15</td>
<td>FOUR EXAMPLES OF ANTI-CD99 AND DISCOVERY OF THE MOLECULAR BASES OF THE RARE CD99- PHENOTYPE</td>
<td>N.M. Thornton</td>
<td>IBGRL, Bristol, United Kingdom</td>
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<tr>
<td>15:15 - 15:30</td>
<td>MOLECULAR AND BIOCHEMICAL CHARACTERIZATION OF THE SMIM1 PROTEIN DEFINING THE NEW VEL BLOOD GROUP SYSTEM</td>
<td>L.P.K. Kelley</td>
<td>University of Vermont, Burlington, United States of America</td>
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</table>
Tuesday June 30

14:00 - 15:30
Capital Suite 7-8-9

Blood Safety
(Re)emerging Viral Infections

Moderators: M. Busch (United States of America), J. O'Riordan (Ireland)

14:00 - 14:30
HEPATITIS E AND TRANSFUSION- A THREAT TO PATIENTS OR A THREAT TO PIGS?
R.S. Tedder
NHS Blood and Transplant, London, United Kingdom

14:30 - 14:45
OCCURRENCE OF TRANSFUSION-TRANSMITTED HEPATITIS E IN FRANCE
R.D. Djoudi
Etablissement Français du Sang, La Plaine St Denis, France

14:45 - 15:00
IMMUNOHAEMATOLOGICAL PROGNOSTIC FACTORS ASSOCIATED WITH WEST NILE VIRUS LINEAGE 2 DISEASE OUTCOME IN GREECE, 2010-2013
A.I. Iniotaki
National Histocompatibility Centre Athens, Athens, Greece

15:00 - 15:15
HAS THE INTRODUCTION OF CMV UNTESTED BLOOD COMPONENTS AFFECTED THE RATE OF CMV PCR POSITIVITY IN CMV NEGATIVE ADULTS RECEIVING CMV NEGATIVE ALLOGENEIC HAEMATOPOIETIC STEM CELL TRANSPLANTS?
R. Evans
Newcastle upon Tyne Hospitals NHS Foundation Trust, Newcastle upon Tyne, United Kingdom

15:15 - 15:30
A PROSPECTIVE EVALUATION OF CHRONIC B. MICROTI INFECTION IN SEROREACTIVE BLOOD DONORS
E. Bloch
Blood Systems Research Institute, San Francisco, United States of America
Tuesday June 30

14:00 - 15:30  
**Capital Suite 10-11-12**  

**Clinical**  
Transfusion Triggers  
*Moderators: M. Sekhar (United Kingdom), C. So Osman (The Netherlands)*

14:00 - 14:30  
**4C-S23-01**  
INTRANOVIOUS IRON AS BLOOD SAVING TECHNIQUE IN SURGERY, WHAT IS THE EVIDENCE?  
E. Bisbe  
Hospital del Mar, Barcelona, Spain

14:30 - 15:00  
**4C-S23-02**  
OBSTETRIC BLEEDING AND TRANSFUSION  
A.J.G. Jansen  
Sanquin Blood Supply, Amsterdam, The Netherlands

15:00 - 15:10  
**4C-S23-03**  
ANTEPARTUM FIBRINOGEN LEVEL AS A PREDICTOR OF BLEEDING COMPLICATIONS  
L. Uhl  
Beth Israel Deaconess Medical CTR/Harvard Medical School, Boston, United States of America

15:10 - 15:20  
**4C-S23-04**  
PRESCRIPTION OF BLOOD COMPONENTS: IMPACT OF A NEW MANDATORY E-LEARNING PROGRAM FOR CLINICIANS  
M.A.R. Andersen Reeh  
Odense University Hospital, Odense, Denmark

15:20 - 15:30  
**4C-S23-05**  
COMPUTERIZED PROVIDER ORDER ENTRY WITH CLINICAL DECISION SUPPORT REDUCED UNNECESSARY FRESH FROZEN PLASMA TRANSFUSION  
F-Y.C. Chu  
Far Eastern Memorial Hospital, New Taipei City, Taiwan
Tuesday June 30

14:00 - 15:30
Capital Suite 14-15-16

Cellular Therapies
Cell Therapies

Moderators: E. Morris (United Kingdom), E. Seifried (Germany)

14:00 - 14:30
MESENCHYMAL STEM CELL-DERIVED EXTRACELLULAR VESICLES, A POTENTIAL NEW TOOL IN REGENERATIVE MEDICINE
B.G. Giebel
Institute for Transfusion Medicine, Essen, Germany

14:30 - 14:50
HUMAN PLATELET LYSATES EXERT A NEUROPROTECTIVE EFFECT IN A DOPAMINERGIC NEURON CELL MODEL OF PARKINSON'S DISEASE
M.L. Chou
Taipei Medical University, Taipei, Taiwan

14:50 - 15:10
IF MULTIPLE MYELOMA PATIENTS PREVIOUSLY TREATED WITH IMMUNOMODULATORY DRUGS CAN ENSURE ADEQUATE COLLECTION OF CD34+ CELLS FOLLOWED BY SUCCESSFUL AND SUSTAINED ENGRAFTMENT
R. Grubovic
Institute for Transfusion Medicine of RM, Skopje, Macedonia

15:10 - 15:30
IDENTIFICATION OF KEY REGULATORS OF SYMMETRIC VERSUS ASYMMETRIC CELL DIVISIONS DURING HUMAN HEMATOPOIETIC LINEAGE SPECIFICATION
B.G. Giebel
University Hospital Essen, Institute for Transfusion Medicine, Essen, Germany
Tuesday June 30

14:00 - 15:30
Capital Suite 2-3-4

Donors/Donation
Donor Iron: Status and Management
Moderators: W. Murphy (Ireland), K. Lin (China)

14:00 - 14:30
OPTIMISING DONOR HEALTH AND THE BLOOD SUPPLY: UPDATE ON THE INTERVAL STUDY
J. Roberts
NHSBT - Oxford, Oxford, United Kingdom

14:30 - 15:00
HANDLING LOW HEMOGLOBIN AND IRON DEFICIENCY IN A BLOOD DONOR POPULATION
K. Magnussen
Copenhagen University Hospital, Rigshospitalet, Hvidovre, Denmark

15:00 - 15:15
WHAT DO SYSTEMATIC REVIEWS OF IRON SUPPLEMENTATION IN WOMEN TELL US ABOUT THE FUNCTIONAL CONSEQUENCES OF DONOR IRON DEFICIENCY?
S. Pasricha
MRC Weatherall Institute of Molecular Medicine, Oxford, United Kingdom

15:15 - 15:30
INTRAVENOUS VERSUS ORAL IRON SUPPLEMENTATION FOR BLOOD DONORS WITH IRON DEFICIENCY
S. Macher
Medizinische Universität, Graz, Austria

15:30 - 16:00
Coffee Break
Tuesday June 30

16:00 - 17:30
Auditorium

Immunology of Blood Cells
Red Cell Antigens

Moderators: M. Scott (United Kingdom), T. Peyrard (France)

16:00 - 16:30
RECOMBINANTLY PRODUCED BLOOD GROUP PROTEINS IN CLINICAL PRACTICE
A. Seltsam
German Red Cross Blood Service NSTOB, Springe, Germany

16:30 - 16:42
FIRST DETAILED MOLECULAR CHARACTERIZATION OF A YUS (GE*01..02) ALLELE AND DESCRIPTION OF A NOVEL GERBICH (GE*01..03) ALLELE RESPONSIBLE FOR RARE PHENOTYPES IN THE GERBICH BLOOD GROUP SYSTEM
E.G. Gourri
Blood Transfusion Service Zurich, Swiss Red Cross, Zürich-Schlieren, Switzerland

16:42 - 16:54
MOLECULAR CHARACTERISATION OF 18 INDIVIDUALS WITH THE LAN NULL OR WEAK PHENOTYPES REVEALS FOUR NEW ABCB6 NULL ALLELES
J.K. Kittivorapart
Siriraj Hospital, Bangkok, Thailand

16:54 - 17:06
ALLELE DROP-OUT AS A POSSIBLE CAUSE FOR DISCREPANT V GENOTYPING
M. Moulds
Grifols, San Marcos, TX, United States of America

17:06 - 17:18
SEREOLOGICAL AND MOLECULAR SCREENING FOR MAR (RH51) NEGATIVE DONORS AND THE FIRST CASE REPORT OF ANTI-MAR-LIKE ANTIBODY IN GERMANY
A. Scharberg
Institute for Transfusion Medicine and Immunohematology, DRK-BSD Ba-Wu-He, Baden-Baden, Germany

17:18 - 17:30
SENSITIVE FLOW CYTOMETRIC ASSAY TO ASSESS ACTIVATION OF THE CLASSICAL PATHWAY OF COMPLEMENT BY ANTIBODIES AS WELL AS INTERFERENCE OF COMPLEMENT LYTIC FUNCTION BY COMPLEMENT INHIBITORS
C. Weinstock
Red Cross Blood Service Baden-Württemberg - Hessen, Institute Ulm, Ulm, Germany
Tuesday June 30

16:00 - 17:30  
**Capital Suite 7-8-9**

**Blood Safety**  
Pathogen Prevention

*Moderators: S.B. Brailsford (United Kingdom), D. de Korte (The Netherlands)*

16:00 - 16:30  
**PREVENTING BACTERIAL INFECTION IN BLOOD COMPONENTS**  
4D-S27-01  
M. Schmidt  
German Red Cross Institute, Frankfurt, Germany

16:30 - 16:42  
**ONE MILLION AND COUNTING: BACTERIAL SCREENING OF PLATELET COMPONENTS BY NHSBT, IS IT AN EFFECTIVE RISK REDUCTION MEASURE?**  
4D-S27-02  
C.P. McDonald  
NHSBT, London, United Kingdom

16:42 - 16:54  
**THE 30 MINUTE RULE: THE IMPACT OF REPEATED 30°C EXPOSURE ON BACTERIAL GROWTH IN RED CELLS**  
4D-S27-03  
K. Aplin  
NHSBT, London, United Kingdom

16:54 - 17:06  
**FATAL TRANSFUSION-TRANSMITTED STAPHYLOCOCCUS EPIDERMIDIS: A CASE REPORT**  
4D-S27-04  
S.M. Ramirez-Arcos  
Canadian Blood Services, Ottawa, Canada

17:06 - 17:18  
**PLATELETS AND INFECTIONS, STORAGETIME AND STORAGE MEDIUM: DOES IT MATTER?**  
4D-S27-05  
A.L. Kreuger  
Sanquin/LUMC, Leiden, The Netherlands

17:18 - 17:30  
**INACTIVATION OF BACTERIA IN APHERESIS PLATELETS WITH PATHOGEN REDUCTION PERFORMED 24 HOURS AFTER INOCULATION**  
4D-S27-06  
R.J. Benjamin  
American Red Cross, Rockville, United States of America
Tuesday June 30

16:00 - 17:30  
**Capital Suite 10-11-12**

**Clinical**  
Haemoglobinopathies  
*Moders: P. Telfer (United Kingdom), J.B.T. Tapko (Cameroon)*

16:00 - 16:30  
**4D-S28-01**  
SICKLE CELL DISEASE IN SUBSAHARAN AFRICA  
N.S. Mbanya  
Faculty of Medicine and Biomedical Sciences, Yaoundé, Cameroon

16:30 - 17:00  
**4D-S28-02**  
TRANSFUSION THERAPY IN SICKLE CELL DISEASE  
J. Howard  
Guy’s and St Thomas’ Hospital, London, United Kingdom

17:00 - 17:15  
**4D-S28-03**  
EXCHANGE TRANSFUSIONS FOR SICKLE CELL DISEASE IN AUSTRALIA; TO EXCHANGE OR NOT TO EXCHANGE?  
G. Crighton  
Department of Epidemiology and Preventive Medicine, Monash University, Melbourne, Australia

17:15 - 17:30  
**4D-S28-04**  
OCCASIONAL AND LONG TERM AUTOMATED RED BLOOD CELLS EXCHANGE IN SICKLE CELL DISEASE PATIENTS: IMPACT ON HOSPITALIZATION FREQUENCIES  
H. Menif  
CRTS Sfax, 99/UR/08-33, faculté de médecine de Sfax, université de Sfax, Sfax, Tunisia
Tuesday June 30

16:00 - 17:30
Capital Suite 14-15-16

Cellular Therapies
Cell Therapy and Safety

Moderators: S. Watt (United Kingdom), B.G. Giebel (Germany)

16:00 - 16:30
REGULATION AND ACREDITION IN CELL THERAPY
4D-S29-01
C. Chabannon
Institut Paoli-Calmettes, Marseille, France

16:30 - 17:00
IMMUNOTHERAPY WITH GENE-MODIFIED T CELLS: PROMISES AND
4D-S29-02
CHALLENGES
E.C. Morris
UCL Institute of Immunity and Transplantation, London, United Kingdom

17:00 - 17:15
ALLOREACTIVE KIR-2/3DL NEGATIVE NK CELL SUBSETS FOR ADAPTIVE
4D-S29-03
IMMUNOTHERAPY
C. Seidl
Institute of Transfusion Medicine and Immunohematology, Red Cross
Blood Donor Se, Frankfurt am Main, Germany

17:15 - 17:30
EFFICIENT INDUCTION AND EXPANSION OF POLYCLONAL
4D-S29-04
HUMAN CD8+CD103+FOXP3+ REGULATORY T CELLS BY TGF-β
AND RAPAMYCIN WHICH HAVE A THERAPEUTIC FUNCTION ON
AUTOIMMUNE DISEASE MODEL---CIA MICE
J.S. Sun
Shanghai Blood Center, Shanghai, China
Tuesday June 30

16:00 - 17:30
Capital Suite 2-3-4

Donors/Donation
Donor Management

Moderators: S. Field (United Kingdom), K. Magnussen (Denmark)

16:00 - 16:30
MANAGING DONORS AND DONATION SESSIONS TO IMPROVE DONOR SERVICE AND SESSION PRODUCTIVITY
4D-S30-01
E. Nyberg-Oksanen
EBA Benchmarking Group (EBG)
Finnish Red Cross Blood Service, Helsinki, Finland

16:30 - 16:45
COMPARISON OF DONOR AND GENERAL POPULATION DEMOGRAPHICS IN CANADA, THE NETHERLANDS, ENGLAND AND THE UNITED STATES: A BEST COLLABORATIVE GROUP STUDY
4D-S30-02
Canadian Blood Services, Ottawa, Canada

16:45 - 17:00
DONOR DEFERRAL IN POLAND IN 2003-2004 AND 2010-2013: WHAT HAS CHANGED
4D-S30-03
A. Plodzich
Institute of Hematology and Transfusion Medicine, Warsaw, Poland

17:00 - 17:15
IMPACT OF THE FIRST WHOLE BLOOD DONATION’S COMPLICATIONS ON DONOR RETENTION AND COMPLICATIONS AT FURTHER DONATIONS
4D-S30-04
P. Gillet
Belgian Red Cross, Suarlée, Belgium

17:15 - 17:30
IMPROVING FIRST TIME DONOR ATTENDANCE RATES THROUGH THE USE OF TAILORED DONOR PREPARATION MATERIALS
4D-S30-05
D. Waller
Australian Red Cross Blood Service, Melbourne, Australia

19:00 - 23:30
Congress Party (Museum of Docklands)
(please see page 107)
Wednesday July 1

**08:30 - 10:00**

**Auditorium**

**Blood Safety**

It is All about Ebola

*Moderators: P.E. Hewitt (United Kingdom), R.R. Reddy (South Africa)*

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**08:30 - 09:00**

*5A-S31-01*

COPING WITH EBOLA CRISIS IN TRANSFUSION SERVICES IN WEST AFRICA

J.B.T. Tapko

AFSBT, Yaoundé, Cameroon

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**09:00 - 09:30**

*5A-S31-02*

PROSPECTS FOR AN EBOLA VACCINE

H. Schuitemaker

Academic Medical Center of the University of Amsterdam, The Netherlands

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**09:30 - 10:00**

*5A-S31-03*

EBOLA CONVALESCENT PLASMA THERAPY TRIALS - DOES IT WORK?

J. van Griensven

Institute of Tropical Medicine, Antwerp, Belgium
Wednesday July 1

08:30 - 10:00
Capital Suite 7-8-9

Immunology of Blood Cells
Allo-immunisation
Moderators: S. Trompeter (United Kingdom), B. Mbanya (Cameroon)

08:30 - 09:00
5A-S32-01
MECHANISMS UNDERLYING RED CELL ALLO IMMUNIZATION IN SICKLE CELL DISEASE
F. Pirenne
Etablissement Francais du Sang, Creteil, France

09:00 - 09:15
5A-S32-02
RED BLOOD CELL ALLOIMMUNIZATION IS INFLUENCED BY THE DELAY BETWEEN TLR-AGONIST INJECTION AND RBC TRANSFUSION
R.E. Elayeb
EFS IMRB, Creteil, France

09:15 - 09:30
5A-S32-03
INCOMPATIBLE RED BLOOD CELL CLEARANCE THROUGH VARIOUS IGG SUBCLASSES DIRECTED AGAINST THE KELL GLYCOPROTEIN IN A MOUSE MODEL OF ALLOIMMUNE ANEMIAS.
T.C. Stegmann
Sanquin Blood research, Amsterdam, The Netherlands

09:30 - 09:45
5A-S32-04
BLOOD TRANSFUSION AND SICKLE CELL DISEASE IN SENEGAL
S.D. Diop
Universite Cheikh Anta Diop, Dakar Fann, Senegal

09:45 - 10:00
5A-S32-05
MIGRATORY PROPERTIES OF CD4+ T CELLS IN SICKLE CELL DISEASE PATIENTS.
B.V. Vingert
Etablissement Francais du Sang, Creteil, France
Wednesday July 1

08:30 - 10:00
Capital Suite 10-11-12

Clinical
Massive Transfusion

Moderators: S. Allard (United Kingdom), M. van Kraaij
(The Netherlands)

08:30 - 09:00
MASSIVE HEMORRHAGE PROTOCOL: WHAT’S THE BEST PROTOCOL?
5A-S33-01
J.L. Callum
Sunnybrook Health Sciences Centre, Toronto, Canada

09:00 - 09:20
EPIDEMIOLOGY OF MASSIVE TRANSFUSION: A BI-NATIONAL STUDY FROM SWEDEN AND DENMARK
5A-S33-02
M.A.H. Halmin
Karolinska Institutet, Stockholm, Sweden

09:20 - 09:40
SURVEY OF FACTORS ASSOCIATED WITH SUPER-MASSIVE TRANSFUSION AND MORTALITY IN PATIENTS FROM THE AUSTRALIAN AND NEW ZEALAND MASSIVE TRANSFUSION REGISTRY
5A-S33-03
K.M. Venardos
Monash University, Melbourne, Australia

09:40 - 10:00
RESULTS OF THE PRAGMATIC RANDOMIZED OPTIMAL PLASMA AND PLATELET RATIOS TRIAL (ROPPR)
5A-S33-04
R. Hess
University of Washington School of Medic, Seattle, United States of America
Wednesday July 1

08:30 - 10:00
Capital Suite 14-15-16

Cellular Therapies
Transplantation

Moderators: C. Gabriel (Austria)

08:30 - 09:00
EXTRACORPOREAL PHOTOPHERESIS FOR GRAFT-VS. HOST DISEASE
5A-S34-01
H. Greinix
Medical University of Vienna, Austria

09:00 - 09:30
NEW APPROACHES FOR ABO-MISMATCHED SOLID ORGAN TRANSPLANTATION
5A-S34-02
H. Ohdan
Department of Gastroenterological and Transplant Surgery, Hiroshima University, Hiroshima, Japan

09:30 - 09:40
USE OF NON-IRRADIATED BLOOD COMPONENTS IN CAMPATH (ALEMTUZUMAB) TREATED RENAL TRANSPLANT PATIENTS
5A-S34-03
Y.M.T. Hui
Imperial College Healthcare NHS Trust, London, United Kingdom

09:40 - 09:50
EXTRACORPOREAL PHOTOPHERESIS (ECP) IN LUNG TRANSPLANT REJECTION AS AN EFFECTIVE THERAPEUTIC OPTION IN REFRACTORY PATIENTS: A REPORT OF 360 PROCEDURES IN 17 PATIENTS
5A-S34-04
C. de Miguel
Hospital Universitario Puerta de Hierro Majadahonda, Madrid, Spain

09:50 - 10:00
DETECTION OF DONOR T AND B CELLS SPECIFIC C4D FIXING ALLOANTIBODIES USING FLOW CYTOMETRY: A NOVEL DIAGNOSTIC APPROACH
5A-S34-05
D. Jain
Medanta The Medicity, Gurgaon, India
## Scientific Programme

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**Moderators:** M. Carter (United Kingdom), E. McSweeney (Ireland) |
| 08:30 - 09:00 | **5A-S35-01** NON-INVASIVE HAEMOGLOBIN TESTING AT A NATIONAL LEVEL  
**W.G. Murphy**  
Irish Blood Transfusion Service, Dublin, Ireland |
| 09:00 - 09:15 | **5A-S35-02** SELECTING AN ALTERNATIVE SKIN DISINFECTION METHOD FOR  
DONORS ALLERGIC TO CHLORHEXIDINE AT CANADIAN BLOOD SERVICES  
**S.M. Ramirez-Arcos**  
Canadian Blood Services, Ottawa, Canada |
| 09:15 - 09:30 | **5A-S35-03** A COMPARATIVE STUDY BETWEEN THE NON-INVASIVE AND INVASIVE  
METHODS OF HAEMOGLOBIN ESTIMATION IN BLOOD DONORS  
**D.R. Rout**  
Postgraduate Institute of medical education and research, Chandigarh, India |
| 09:30 - 09:45 | **5A-S35-04** INTRODUCTION OF THE ELECTRONICALLY DONOR HEALTH QUESTIONNAIRE (EDH) IN UPPSALA 2014  
**R.A.C. Norda**  
Uppsala University Hospital, Uppsala, Sweden |
| 09:45 - 10:00 | **5A-S35-05** ESTIMATING THE IMPACT OF A CHANGE IN THE CANCER DONOR DEFERRAL CRITERIA  
**S.L. Lattimore**  
Public Health England, London, United Kingdom |
| 10:00 - 10:30 | **Coffee Break** |
Scientific Programme

Wednesday July 1

10:30 - 12:00
Auditorium

Plenary Session
Moderators: J. Wallis (United Kingdom), M. Olsson (Sweden)

10:30 - 11:00
THE AIR THEY BREATHE
5B-PL-01
W. Dzik
Massachusetts General Hospital, Boston, United States of America

11:00 - 11:30
ATP AND RED BLOOD CELLS: SIGNALING MECHANISMS INVOLVED IN C-PEPTIDE-MEDIATED INHIBITION OF LOW O2-INDUCED ATP RELEASE FROM HUMAN ERYTHROCYTES
5B-PL-02
R.S. Sprague
Saint Louis University, St. Louis, United States of America

11:30 - 12:00
AGE OF BLOOD EVALUATION (ABLE) STUDY: A DOUBLE BLIND MULTICENTRE RANDOMISED CONTROLLED TRIAL (ISRCTN44878718).
5B-PL-03
R. Lacroix
Sainte-Justine Hospital, Montreal, Canada

12:00 - 12:30
Closing Ceremony

12:30 - 13:30
Farewell Lunch (registration area)
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<td>Ullum</td>
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<td>van de Laar</td>
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<td>van Kraaij</td>
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<td>Vasan</td>
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<td>Wiersum-Osselton</td>
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<td>Will</td>
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<td>Zychlinski</td>
<td>A.</td>
<td>4B-PL2-01</td>
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</table>
Posters

**Poster Area**
All accepted posters (publication and display) will be presented in the Exhibition area on the ground and first floor. A list of the posters on display can be found on the next page, in the congress Abstract book and via the Mobile Application. The posters are set out according to the topic and the number of the abstract is displayed in the Abstract book, Mobile application and on the poster board.
Posters will be on display in the poster area for 2 days and will also be open for viewing during exhibition hours.

**Poster Mounting**
Posters can be mounted as of Sunday, June 28 at 18:45 hours.

- The number of your poster can be found in the Abstract book.
- 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:**

<table>
<thead>
<tr>
<th>Day</th>
<th>June</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>Sunday</td>
<td>28</td>
<td>18:45 - 21:00</td>
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<tr>
<td>Monday</td>
<td>29</td>
<td>09:00 - 18:30</td>
</tr>
<tr>
<td>Tuesday</td>
<td>30</td>
<td>09:00 - 16:00</td>
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</tbody>
</table>

**Poster Session**
The Poster Session will be organised on Monday June 28, 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 down on Tuesday, June 30 before 15:30 hours. Material that has not been taken down by the author(s) by this time will be removed and destroyed.

**Responsibility for poster presentations**
The ISBT and the Local Organising Committee do not assume any responsibility for material displayed on the poster boards.
1.  Management and organisation
   1.1  Organisational issues  P-001 - P-016
   1.2  Information technology  P-017 - P-024
   1.3  Cost/effectiveness  P-025 - P-032
   1.4  Training and education  P-033 - P-046
   1.5  Risk models, standards and regulation  P-047 - P-053
   1.6  Blood supply management and utilization  P-054 - P-087
   1.7  Quality management  P-088 - P-110

2.  Blood donation
   2.1  Blood donor recruitment  P-111 - P-164
   2.2  Blood collection incl. apheresis  P-165 - P-189
   2.3  Donor adverse events  P-190 - P-211

3.  Blood products
   3.1  Blood processing, storage and release  P-212 - P-238
   3.2  Blood components  P-239 - P-283
   3.3  Plasma products  P-284 - P-293
   3.4  Pathogen inactivation  P-294 - P-323
   3.5  Novel blood products  P-324 - P-332

4.  Transfusion transmitted infections
   4.1  Screening strategies for TTI  P-333 - P-384
   4.2  Hepatitis B (HBV)  P-385 - P-392
   4.3  Hepatitis C (HCV)  P-393 - P-406
   4.4  HIV  P-407 - P-419
   4.5  Bacteria  P-420 - P-438
   4.6  Parasites  P-439 - P-445
   4.7  Newly emerging pathogens and other transfusion related pathogens  P-446 - P-474
5. **Immune haematology**
   5.1 Red cell immunology: Serology P-475 - P-560
   5.2 Red cell immunology: Molecular P-561 - P-649
   5.3 Platelet immunology P-650 - P-661
   5.4 Granulocyte immunology P-662 - P-665
   5.5 Fetal-maternal immunology P-666 - P-685

6. **Clinical transfusion**
   6.1 Neonatal and pediatric transfusion P-686 - P-692
   6.2 Therapeutic apheresis P-693 - P-709
   6.3 Evidence based transfusion medicine practice P-710 - P-753
   6.4 Haemorrhage and massive transfusion P-754 - P-760
   6.5 Adverse events, incl. TRALI P-761 - P-773
   6.6 Haemovigilance and transfusion safety P-774 - P-811
   6.7 Alternatives to blood transfusion P-812 - P-815

7. **Cellular therapies**
   7.1 Stem cell and tissue banking, incl. cord blood P-816 - P-822
   7.2 Collection, processing, storage and release P-823 - P-831
   7.3 Clinical applications P-832 - P-842

8. **Clinical immunogenetics**
   8.1 HLA in transfusion medicine P-843 - P-849
   8.2 Histocompatibility in stem cell transplantation P-850 - P-850
   8.3 Histocompatibility in organ transplantation P-851 - P-855
Other Information

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LEVEL 0
ICC CAPITAL HALL,
ICC MAIN AUDITORIUM

STAIRS TO EXHIBITION LEVEL 1

STAIRS TO EXHIBITION LEVEL 1

Registration Area
EAST ENTRANCE LEVEL 0

ESCALATOR TO LEVEL 1

ELEVATOR TO LEVELS 1, 2 & 3

ICC CAPITAL HALL EXHIBITION & POSTER AREA

ICC MAIN AUDITORIUM

STAIRS TO EXHIBITION LEVEL 1

Registration Area
EAST ENTRANCE LEVEL 0

ESCALATOR TO LEVEL 1

ELEVATOR TO LEVELS 1, 2 & 3

ICC CAPITAL HALL EXHIBITION & POSTER AREA

ICC MAIN AUDITORIUM
LEVEL 3
SESSION ROOMS
SPEAKER READY ROOM

CAPITAL SUITE 1
CAPITAL SUITES 2-3-4
CAPITAL SUITES 7-8-9
CAPITAL SUITES 10-11-12
SPEAKER READY ROOM
CAPITAL SUITES 14-15-16
CAPITAL SUITE 6
CAPITAL SUITE 13
The non-invasive Hb measurement device for mobile use:

- experience with more than 2 million measurements in daily practise
- result in 20-30 seconds
- easy and safe application by the use of Digiclip
- simplified process data management
- calibration standard tool for quality control
ISBT thanks everyone joining the Exhibition held in association with the 25th Regional Congress in London. The Exhibition enhances your congress experience. The opportunity to visit the different companies to talk about the products on offer helps you with business decisions. In the Exhibition area you will find over 90 of the major companies working internationally who are involved with transfusion technology. The booths give the companies the opportunity to showcase their products and services. It gives you, the delegate, the opportunity to meet face to face with representatives who can share knowledge of their products and technologies with you ultimately leading you to make informed business buying decisions.

The Exhibition area is also the perfect place for you to network with colleagues from around the world during the coffee, tea and lunch breaks as all refreshments will be served in the hall.

**Exhibition Opening Hours**
- **Sunday** June 28 18:30 - 21:00 hours
- **Monday** June 29 09:00 - 18:30 hours
- **Tuesday** June 30 09:00 - 16:00 hours

**Welcome Reception, June 28: 18.30 - 21.00 hours**
The Welcome Reception will take place in the Exhibition area on Sunday evening from 18:45 hours. This is a real opportunity to catch up with old friends and colleagues and meet new colleagues and discuss relevant and challenging issues in transfusion medicine and beyond.

**Refreshment stations**
Tea, coffee and water will be served during all the refreshment and lunch breaks from stations around the Exhibition area. Water coolers will also be available during the Congress days in the meeting rooms halls.

**ISBT Booth**
The ISBT Booth (Booth 426) is located in the Exhibition area. Here you can meet the staff, find out more about the Society, become a member, find out more about the e-learning portal, and helpful information on the website and take advantage of a photo opportunity in front of the banner of the ISBT Regional Congress, London.
Exhibition

ISBT would like to thank all sponsors and exhibitors:

Antrad Medical
AB Diagnostic System GmbH
ABB Limited
Abbott
Agena Bioscience
Andreas Hettich GmbH & Co KG
Asahi Kasei Medical Co., Ltd.
ASD Healthcare
Ashland Inc.
ACO Science
Ausbio Laboratories Co. Ltd.
BAG Health Care GmbH
Barkey GmbH & Co.KG
Best Theratronics
Biolog-ID
Bionic Medizintechnik GmbH
Bio-Rad
Biotest (UK) Ltd
BIQ Health Solutions
British Blood Transfusion Society
Cegelec NDT-PES
Cerus EU BV
CliniSys
CLS Behring UK Ltd
Computype
Conroy Medical AB
Contronics Limited
Council of Europe, EDQM
Cryo Bio System
Cryo Life Science Technologies GmbH
DAY Medical SA
Delcon Srl
Demophorius Healthcare
Diagast
DiaSorin S.p.A.
Dometic sarl
Expertmed SRL
Fresenius Kabi Deutschland GmbH
Fujirebio Inc.
Gamma Service Medical GmbH
GenesisBPS
GFE Blut mbH
Gilardoni S.p.A.
Global Blood Fund
Grifols
Haemokinesis PTYLTD
Haemonetics S.A.
Helapet Limited
Helmer Scientific
Hemasoft SA
Hemocue AB
Hydrex Diagnostics SP. ZOO SP.K.
ICCBBA
Immucor, Inc.
inno-Train Diagnostik GmbH
ITL BioMedical
Joint UK Blood Transfusion Services Professional Advisory Committee
Kantar Health UK
Kawasumi Laboratories, Inc.
KW Apparecchi Scientifici srl
Labcold Ltd
LEC Medical
LightIntegra Technology Inc.
Lmb Technologie GmbH
Lorne Laboratories Limited
Macopharma
Mak-System
MBR Optical Systems GmbH + Co. KG
Medinfo IIHS
Floor Plan

Exhibition

MEMBRANA
Möller Medical GmbH
MSE (UK) Ltd
MSofT eSolutions ltd
MTC invitro diagnostics ag
Nanjing Shuangwei Biotechnololgy Co.,LTD
NHS Blood and Transplant Bristol
NHS Blood and Transplant Oxford
Octapharma Ltd.
OrSense Ltd.
Ortho Clinical Diagnostics
Presvac SRL.
Quotient
Rad Source Technologies, Inc
Roche Molecular Systems
Safetran Biomedical Inc.
Sanquin Blood Supply
Sarstedt AG & Co.
Savant Ltd
Separation Technology, Inc.
Siemens
Sigma Laborzentrifugen / SciQuip Ltd
Source Bioscience
Terumo BCT Europe NV
Toutenkamion
Tutela Medical Systems
Registration Hours

The registration desk will be open as of Saturday, June 27 at ExCel, ground floor in front of the exhibition area:

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Saturday</td>
<td>June 27</td>
<td>08:30 - 16:00 hours</td>
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<tr>
<td>Sunday</td>
<td>June 28</td>
<td>08:00 - 19:00 hours</td>
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<tr>
<td>Monday</td>
<td>June 29</td>
<td>08:30 - 17:30 hours</td>
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<td>Tuesday</td>
<td>June 30</td>
<td>08:30 - 17:30 hours</td>
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<td>Wednesday</td>
<td>July 1</td>
<td>08:30 - 13:30 hours</td>
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Exhibition hours:

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<tr>
<td>Tuesday</td>
<td>June 30</td>
<td>09:00 - 16:00 hours</td>
</tr>
</tbody>
</table>

Services provided at desks in the Registration Area include:

- Exhibition Information: Exhibition Desk on the ground floor (next to the entrance to the Exhibition)
- Hotel Accommodation: Last-minute availability at the Hotel Desk in the Registration Area
- Lost and Found: Registration desk
- Social Ticket desk: Tickets for sale at the Social Desk in the Registration Area
- Restaurant reservations: Information Desk in the Registration Area

Badges

All participants and accompanying persons 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: accompanying persons and exhibitors will not be admitted to the scientific sessions. Accompanying persons do not have access to the exhibition.

Name badges have been color-coded a follows:

- ISBT Member: Red
- BBTS Member: Transparent
- ISBT Non-Member: Transparent
- SHOT & ISBT Academy Day only: Green
- Accompanying Persons: Yellow
- Exhibitors: Blue
- Press: Orange
Coffee and tea breaks
During session-breaks coffee and tea will be served free of charge in the Exhibition area to delegates wearing their name badge.

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 Exhibition area. To access the WiFi, select either ISBT or ISBT 2.4. You will get a landing page where you need to accept the terms and conditions. After you have accepted the terms and conditions, you will have access to the internet.

Language
The official Congress language will be English.

Lunch
Lunch is included in the registration fee and will be provided in the Exhibition Area and at the entrance of the meeting rooms where the Satellite Symposia will take place. Please be informed all food served is halal.

Prayer Room
A Prayer Room is available during the congress and located on the South side of the boulevard, near entrance S8.

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

London City Airport is close to Excel Exhibition and Convention Centre. The DLR (Docklands Light Railway) departs London City Airport every 8 to 15 minutes, with journey times of less than 7 minutes to Canning Town. From here you can connect to Jubilee Tube Line to Central London and the Excel Exhibition and Convention Centre.

Gatwick Express is the fastest way between London Gatwick Airport and central London. The direct train between London Victoria station and London Gatwick Airport takes 30 minutes. Ticket prices are approximately £19.90 single and £34.90 return. Savings are available online at www.gatwickexpress.com

The Heathrow Express is the fastest way to travel between Heathrow and Central London. The direct train between London Paddington station and Heathrow Airport takes 15 Minutes. Ticket prices are £21.00 single and £35.00 return. www.heathrowexpress.com. The Picadilly Line runs from Heathrow Airport to Central London and is much cheaper than the Heathrow Express.

To travel from Excel to Heathrow take the Docklands Light Railway (DLR) from Prince Regent or Custom House to Canning Town Station, change onto the Jubilee Line to Green Park station then change onto the Picadilly Line to Heathrow.

Public Transportation - Oyster card

London Oyster cards can be used on all buses, trams, Tube, DLR and London Overground services.

http://www.tfl.gov.uk/

How to use your Oyster card?

The Oyster card is an electronic smartcard. You must touch your Oyster card on the yellow card readers when travelling. Please remove the Oyster card from your wallet before touching the card reader with it. The readers are also set up to accept contactless payment, so removing the card is the best way to avoid paying twice for your journey.

Bus and Tram - What to do:

Touch your Oyster card on the yellow card reader inside the bus or at the tram stop. Don’t touch it again when you get off.

Tube, Docklands Light Railway, London Overground and National Rail - What to do:

Touch your Oyster card on the yellow card reader at the start and end of your journey. If you’re at a station without gates or the gates are already open you must still touch in and out.

How to top up your Oyster Card?

Your Oyster card can be topped up at main stations with cash or by debit/credit card.
By taxi
In London, taxi fares are metered and there is a minimum charge of £2.40. Black cabs are licensed to carry up to five people plus luggage. Many black cabs accept payment by credit or debit card but check with the driver before the trip starts that you can pay by card. If you do, there is an additional charge of £1.00 or 10% of the metered fare, whichever is higher. Travelling by taxi is expensive.

From City Center to ExCeL Congress Center
By public transport
The Jubilee Line is recommended as the quickest route to ExCeL London. Alight at Canning Town and change onto a Beckton-bound DLR train, for the quick 2-stop journey to Custom House for ExCeL (West) or Prince Regent for ExCeL (East) and ICC London, the location for ISBT 2015. The Emirates Air Line (Cable Car) connecting ExCeL London and the O2 opened in summer 2012, making it possible to travel by Thames Clipper between central London and the O2 and then by Cable Car across the Thames to ExCeL London.
Climate
The weather in London in June is usually mild to warm. The average temperature is around 19 - 25°C. However, a raincoat or umbrella for occasional showers may be useful.

Currency and Bank Information
The currency for the UK is GBP (£). Standard banking hours are Monday to Friday from 9:00-9:30 until 15:30 or 16:00 (some remain open until 17:30). Many bank branches open on Saturdays (9:00-9:30 until 12:30 or 15:30). Banks in England usually remain open over lunch. Most hotels, restaurants and shops in London accept all major credit cards. ATM's can also be found at the airport, railway stations and all over the city centre. Please use the following site to find out the up to date exchange rate for your country: www.xe.com

Dress Code
The dress code is business casual. Please note that rooms may be cool therefore a jacket or scarf might be needed.

Electricity
The electricity service in the UK operates at 240 volts AC; 50Hz. UK plugs with three rectangular metal pins are standard. You are advised to bring an adaptor if your electrical appliances are not compatible with the UK plug type. Delegates from the USA will also need a converter.

Medical care
If suddenly taken ill or involved in an accident during a visit to the UK, free or reduced-cost necessary treatment is available for European travellers - in most cases on production of a valid European Health Insurance Card (EHIC). Comprehensive insurance is advised for all other nationals.

The National Health Service (NHS) provides free medical treatment (at hospitals and general surgeries) to all who are ordinarily resident in the UK, but requires payment for dental treatment, prescriptions and spectacles. Immediate first aid/emergency treatment is free for all visitors, after which charges are made unless the visitor’s country has a reciprocal health agreement with the UK. Full details of individual agreements are available from the Department of Health (www.dh.gov.uk).
Security
London is a relatively safe city. However, we recommend that you be street wise, as you would in any major city. Please be careful with your personal belongings, especially when using public transport, and take care of your personal safety. Pick pockets are often at work at major stations and in the tube.

Shopping
Most shops in London are open Monday to Saturday 09:30-20:00. Many are open on Sunday 12:00-18:00. Late-night opening (usually until 20:00 or later) is on Thursday in the West End and Wednesday in Knightsbridge. For more information about shopping in London, please visit: http://www.visitlondon.com/attractions/shopping/

Smoking
Strict smoking bans are enforced in all public places throughout the UK.

Tap water
Tap water is safe to drink in London.

Time
London is in the Greenwich Mean Time zone (GMT), however during the congress the UK is on British Summer Time - one hour ahead of GMT.

Tipping
In hotels, a service charge of 10 to 12% is usual, which may be added to the bill. 10 to 15% is usual for restaurants; if this has already been added to the bill, a further tip is not required. It is also not necessary to tip a taxi driver unless extra services are provided.

Tourism
For more information about London, please visit www.visitlondon.com.
Visit **stand 154** to learn more about our solutions for Transfusion, Transplant and Specialty Diagnostics.

**Transplant**
- Antibody Detection
- HLA Genotyping
- KIR Genotyping* 
- Biomarkers

**Transfusion**
- Traditional Reagents
- Specialty Reagents
- Capture® Technology
- Scalable Automation
- BioArray Assays
- ImmuLINK®

**Hemostasis and Platelet Portfolio**
- PF4 and PAK ELISAs
- ADAMTS-13 Activity Assay*
- Capture-P® Assays

Together, we bring a dedication to patient care in ensuring that patients in need of blood or organs are matched with the most compatible donor.

www.immucor.com

* For Research Use Only. Not for use in diagnostic procedures.
Sunday, June 28

17.30 - 18.30 hours
Auditorium

Opening Ceremony

All delegates and exhibitors are welcome to attend

17:30 - 17:40 Welcome address by Martin Bruce, Congress president
17:40 - 17:50 Welcome address by Celso Bianco, ISBT President
17:50 - 17:55 Presentation of the ISBT Award
17:55 - 18:00 Presentation of Vox Sanquinis Best paper Prize
18:00 - 18:05 Presentation of the Talking Stick by the ISBT President to the Congress President
18:05 - 18:25 United in Rhythm - A vibrant celebration of the United Kingdom in music and dance.
   A cast of dancers will be joined by specialty acts and come together to perform a celebration of all corners of the United Kingdom. United by one flag, the show will draw influence from English, Irish, Scottish and Welsh bands, artists, shows, and culture, to create a varied spectacle demonstrating the diversity and uniqueness of the United Kingdom.
18:30 All delegates are invited to proceed to the Welcome Reception in the Exhibition area

Sunday, June 28

18:30 - 21:00 hours
Exhibition area

Opening of the Trade Exhibition and Welcome Reception

A welcome reception will be held at the Exhibition area. The reception will permit the delegates to meet old friends and colleagues and make new acquaintances during the evening while enjoying conversations. Food and drinks will be served throughout the exhibition area.
Meet Rachel
The patient

Meet Nikki
The donor

Meet John
The blood bank director

Meet Sarah
The doctor

Meet William
The politician

Invisible — but essential

INTERCEPT Blood system is the invisible link in a safe and efficient blood chain.
Accompanying Persons Tour

Monday, June 29

09:00 - 16:00 hours
Departure: Entrance of ExCel (East Side)

London City Tour

Included in the registration fee for accompanying persons
Price for delegates: € 50
Lunch is included at a traditional English pub

This full day tour will show you all the highlights London has to offer. An English speaking guide will take you to the Parliament Square, Big Ben & Westminster Abbey, Buckingham Palace (including the changing of guards), the Shard & St Paul’s Cathedral and the Tower of London.

Additional tickets may be purchased onsite at the tour desk in the Registration area, however, these are subject to availability and time.
Tuesday, June 30

19:00 - 23:30 hours

Congress Party

Museum of London Docklands

The museum can be reached by public transport; DLR West India Quay station, Jubilee Line, Canary Wharf station and River Thames Clippers Canary Wharf Pier.

Price: €50 per person, available at the Social desk in the registration area, or by pre-registration

Enjoy the congress party set in a warehouse built 200 years ago: the Museum of London Docklands. The museum's three floors will be open for you to walk around for two hours (from 19:00 - 21:00 hours).

It contains a fascinating history of the London Docklands area. Drinks will be served throughout the museum including the exhibition floors (first two hours only) until 23:00 hours. Refreshments will be available from 20:00 - 22:00 hours from buffet stations on the ground floor and waiters on the exhibition floors. The best of British food will be served. A cover band will play from 21:00 - 23:00 hours to make sure you can dance the night away!

Please note that you will need to arrange your own transportation via public transport.
Brought to you by the

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