

## ISBT 2023 Gothenburg Programme

### Saturday, June 17

#### Local Day / Nordic Day: News from Nordics

09:00 – 10:30 • Room F4 + F5

Moderator: Marja-Kaisa Auvinen

<b>09:00 - 09:30</b> LD01-L01	<b>Country Presentations</b> <i>Marja-Kaisa Auvinen, Sweden, Pia Westman, Finland, Betina Samuelsen Sørensen, Norway, Barbora Jacobsen, Iceland, Ólafur Eysteinn Sigurjónsson, Denmark</i>
<b>09:30 - 10:10</b> LD01-L02	<b>Prerequisites for Scandinavian Collaboration on Blood Supply in Crisis and Catastrophes</b> <i>Agneta Wikman, Sweden, Jouni Lauronen, Finland, Torunn Oveland Apelseth, Norway</i>
<b>10:10 - 10:30</b> LD01-L03	<b>Blood Types and Risk for Infections</b> <i>Ole Birger Pedersen, Sweden</i>

#### Coffee Break

<b>10:00 – 10:30</b>	Coffee/Tea Break
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#### Local Day / Nordic Day: Donors and Donation in Nordics/ Nordic Clinical Topics

11:00 – 12:30 • Room F4 + F5

Moderator: Marja-Kaisa Auvinen

<b>11:00 - 11:20</b> LD02-L01	<b>Lessons Learned and Changes Made Based on FinDonor 10 000 Study</b> <i>Johanna Castrén, Finland</i>
<b>11:20 - 11:40</b> LD02-L02	<b>Risk Analyses for Hepatitis E in Finland</b> <i>Jarkko Ihalainen, Finland</i>
<b>11:40 - 12:00</b> LD02-L03	<b>Long-term Hemovigilance: the SCANDAT Experience</b> <i>Gustaf Edgren, Sweden</i>

<b>12:00 - 12:15</b> LD02-L04	<b>Fetal NIPT RHD Screening - Status and Outlooks in the Five Nordic Countries</b> <i>Frederik Banch Clausen, Denmark</i>
<b>12:15 - 12:30</b> LD02-L05	<b>PBM Strategies- Where Are We and What is the Next Step</b> <i>Agneta Wikman, Sweden</i>

### Lunch Time:

<b>12:30 – 13:30</b>	Lunch Break
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### Local Day / Nordic Day: Blood Components in Nordic

13:30 – 15:00 • Room F4 + F5

Moderator: Agneta Wikman

<b>13:30-13:55</b> LD03-L01	<b>Cryo Preserved vs Cold Storage Platelets: What Way To Choose?</b> <i>Per Sandgren (12 min) + Hanne Braathen (12 min), Sweden + Norway</i>
<b>13:55-14:10</b> LD03-L02	<b>Platelet Lysate, Where Are We Now?</b> <i>Ólafur Eysteinn Sigurjónsson, Iceland</i>
<b>14:10-14:30</b> LD03-L03	<b>Serum Eye Drops</b> <i>Sofia Frändberg, Sweden</i>
<b>14:30-14:50</b> LD03-L04	<b>Hypoxic Erythrocytes in Clinical Use</b> <i>Geir Hetland, Norway</i>
<b>14:50-15:00</b> LD03-L05	<b>Plasma Collections. National Goals – Local Implementation</b> <i>Jørgen Georgsen, Denmark</i>

### Coffee Break

<b>15:00 – 15:30</b>	Coffee / Tea Break
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**Local Day / Nordic Day: Future in Blood Banking**

15:30 – 17:00 • Room F4 + F5

Moderators: Jarkko Ihalainen, Marja-Kaisa Auvinen

<b>15:30-15:50</b> LD04-L01	<b>Extracellular Vesicles, Current Status and Role in Blood Banking</b> <i>Saara Laitinen, Finland</i>
<b>15:50-16:10</b> LD04-L02	<b>Reintroducing Whole Blood for Transfusions, Pros and Cons</b> <i>Torunn Oveland Apelseth, Norway</i>
<b>16:10-16:30</b> LD04-L03	<b>Prediction Models for Blood Bankers</b> <i>Esa Turkulainen, Finland</i>
<b>16:30-17:00</b> LD04-L04	<b>Discussion: Future Challenges in the Nordics</b> <i>Paneldiscussion, All countries</i>

**Local Day / Nordic Day: General Assembly - Swedish Society of Clinical Immunology and Transfusion Medicine (KITM)**

17:00 – 18:30 • Room F1

***For KITM Members only***

## Sunday, June 18

### Academy Day: Developing Research Skills

09:00 – 10:30 • Room F4 + F5

Moderators: Torsten Eich, Miquel Lozano

<b>09:00 - 10:30</b> AD01-L01	<b>How to critically review scientific data</b> <i>Ellen van der Schoot, Netherlands</i>
<b>09:00 - 10:30</b> AD01-L02	<b>How to write a systematic review</b> <i>Matteo Bruschetti, Sweden</i>
<b>09:00 - 10:30</b> AD01-L03	<b>Big data - What is it? How can I get it? What can I do with it?</b> <i>Christian Erikstrup, Denmark</i>

### Neonatal and Paediatric Transfusions

09:00 – 10:30 • Room F2 + F3

Moderators: Ruchika Goel, Maha Badawi

<b>09:00 - 10:30</b> AD02-L01	<b>Use of whole blood in paediatric patients</b> <i>Satyam Arora, India</i>
<b>09:00 - 10:30</b> AD02-L02	<b>Optimising blood components for neonates and children</b> <i>Helen New, UK</i>
<b>09:00 - 10:30</b> AD02-L03	<b>Neonatal &amp; paediatric sampling and anemia</b> <i>Amanda Ullman, Australia</i>

### Coffee Break

<b>10:30 – 11:00</b>	Coffee Break
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### Challenges in Managing a Blood Service

11:00 – 12:30 • Room F4 + F5

Moderators: Lena Lyxe, CK Lee

<b>11:00 - 12:30</b> AD03-L01	<b>Strategies for managing staff shortages (qualified MTs etc.)</b> <i>Gwen Clarke, Canada</i>
<b>11:00 - 12:30</b> AD03-L02	<b>Strategies to maintain safe blood during emergency &amp; disaster</b> <i>May Raouf, UAE</i>

<b>11:00 - 12:30</b> AD03-L03	<b>Managing in times of uncertainty</b> <i>So-Yong Kwon, South Korea</i>
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**TTID Impact and Surveillance**

11:00 – 12:30 • Room F2 + F3

Moderators: Sofia Nyström, Helen Faddy

<b>11:00 - 12:30</b> AD04-L01	<b>Strategies to Managing Emerging Transfusion Transmissible Infectious Diseases</b> <i>Mike Busch, USA</i>
<b>11:00 - 12:30</b> AD04-L02	<b>Strategies to maintain safe blood during emergency &amp; disaster</b> <i>Dudi Levi, Italy</i>
<b>11:00 - 12:30</b> AD04-L03	<b>Blood Donor Surveillance, Risk Assessment and Policy</b> <i>Sheila OBrien, Canada</i>

**Lunch Time:**

<b>12:30 – 14:00</b>	Lunch Break & Satellite Symposia
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**Satellite Symposia: MACOPHARMA: Strategies and Challenges for Implementing DEHP-free Materials in a Blood Transfusion Setting**

12:45 – 13:45 • Room F2 + F3

Speakers:

Professor Dana Devine : Chief Scientist at Canadian Blood Services (CBS) and Professor of Pathology & Laboratory Medicine at Faculty of Medicine, University of British Columbia (UBC), Canada
Doctor Linda Larsson : Affiliated Researcher, Department of Clinical Science, Intervention and Technology (CLINTEC), Karolinska Institutet, Stockholm, Sweden
Ignacio Álvarez, MD; Biostatistics Specialist; Macopharma’s Medical Affairs Director
Mr. Ken McTaggart, Associate Director, Product & Process Development, Centre for Innovation at Canadian Blood Services

**Donor & Donation Challenges**

14:00 – 15:30 • Room F4 + F5

Moderators: Ulrik Sprogøe, So-Yong Kwon

<b>14:00 - 15:30</b> AD05-L01	<b>What do haemoglobin measurements tell us about blood donors</b> <i>Johanna Castrén, Finland</i>
<b>14:00 - 15:30</b> AD05-L02	<b>Moving to risk based sexual behaviour criteria for all donors</b> <i>Mindy Goldman, Canada</i>
<b>14:00 - 15:30</b> AD05-L03	<b>Update on iron supplementation for whole blood donors</b> <i>Katja van den Hurk, Netherlands</i>

**Drug-related Antibodies in Immunohematology**

14:00 – 15:30 • Room F2 + F3

Moderators: Norbert Lubenow, Jan Hamilton

<b>14:00 - 15:30</b> AD06-L01	<b>Anti-CD38 and anti-CD47; considerations in immunohaematology testing</b> <i>Shane Grimsley, UK</i>
<b>14:00 - 15:30</b> AD06-L02	<b>Immunohaematological considerations regarding drug-induced antibodies</b> <i>Sue Johnson, USA</i>

**Transfusion Practitioners Workshop – “If you don’t have time to do it right the first time, WHEN will you have to do it over again?”**

14:00 – 15:30 • Room G2

Moderators: Linley Bielby and Rachel Moss

**“Big Data” Workshop**

14:00 – 15:30 • Room F1

Moderators: Angelo D’Alessandro, Christian Erikstrup and Simon Stanworth

**Coffee Break**

<b>15:30 – 16:00</b>	Coffee Break
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### Alternative Approaches to Blood Use and Blood Banking

16:00 – 17:30 • Room F4 + F5

Moderators: Jesper Bengtsson, Arwa Al Riyami

<b>16:00 - 17:30</b> AD07-L01	<b>Blood product revival - the "old" is "new" again</b> <i>Agneta Wikman, Sweden</i>
<b>16:00 - 17:30</b> AD07-L02	<b>Update on the collection and use of granulocyte transfusions</b> <i>Norbert Ahrens, Germany</i>
<b>16:00 - 17:30</b> AD07-L03	<b>Walking blood banks in the civilian population</b> <i>Torunn Apelseth, Norway</i>

### Quality Control Assessment - Principles and Practice

16:00 – 17:30 • Room F2 + F3

Moderators: Mohammad Abedi, Katy Veale

<b>16:00 - 17:30</b> AD08-L01	<b>QA in serology testing</b> <i>Richard Haggas, UK</i>
<b>16:00 - 17:30</b> AD08-L02	<b>QA in blood processing</b> <i>Rebecca Cardigan, UK</i>
<b>16:00 - 17:30</b> AD08-L03	<b>Role of ICCBBA in blood banking</b> <i>Karen Moniz, Spain</i>

### Opening Ceremony

18:00 – 18:45 • Plenary Room – Hall C

### Opening of the Trade Exhibition and Welcome Reception

18:45 – 21:00 • Hall B

## Monday, June 19

### Meet the Experts Sessions

07:00 – 08:15	<b>Meet the Expert Session – Clinical Transfusion</b> Room F1
07:00 – 08:15	<b>Meet the Expert Session – Immunohematology</b> Room G1
07:00 – 08:15	<b>Meet the Expert Session – Cellular Therapies</b> Room G2

### Scientific Program: New Findings in Established Blood Group Systems

08:30 – 10:00 • Room F4 + F5

Moderators: Lilian Castilho, Martin L. Olsson

08:30 - 09:00 PA01-L01	<b>KNOPS Blood Group System: Our Understanding Today</b> <i>Peter Bugert, Germany</i>
09:00 - 09:15 PA01-L02	<b>A New Knops Antigen Located on the Long Homologous Repeat C</b> <i>Erwin Scharberg, Germany</i>
09:15 - 09:30 PA01-L03	<b>Disruption of a KLF motif in intron 1 of RHCE*c alleles alters recruitment of transcription factors and causes C/c-related changes of RH gene and protein expression</b> <i>Eunike McGowan, Sweden</i>
09:30 - 09:45 PA01-L04	<b>A missense single nucleotide variant, c.305G&gt;A (p. Gly102Asp), in the GYPA*01 gene disrupts the dimerization motif of glycophorin A, resulting in a weakened M phenotype.</b> <i>Toru Miyazaki, Japan</i>
09:45 - 10:00 PA01-L05	<b>The expression of BCAM c.674G&gt;A in K562 and HEK293T cell lines helps to define a novel Lutheran antigen LUOM</b> <i>Samah Alsubhi, UK</i>

### Scientific Program: Blood Stop and Go

08:30 – 10:00 • Hall C

Moderators: Jouni Lauronen, Shubha Allard,

08:30 - 09:00 PA02-L01	<b>Pre-Hospital Use of Blood Products</b> <i>Tor Audun Hervig, Ireland</i>
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<b>09:00 - 09:15</b> PA02-L02	<b>A large multicentre evaluation of massive hemorrhage protocol performance and compliance across adult and pediatric hospitals</b> <i>Saif Ali, Canada</i>
<b>09:15 - 09:30</b> PA02-L03	<b>Massive transfusion - can we agree on a definition?</b> <i>Victor Lin, Australia</i>
<b>09:30 - 09:45</b> PA02-L04	<b>Comparison of ROTEM and Conventional Coagulation Tests in Identifying Trauma-Induced Coagulopathy During Massive Hemorrhage Protocol</b> <i>Sakara Hutspardol, Canada</i>
<b>09:45 - 10:00</b> PA02-L05	<b>Did critically bleeding RhD negative patients receive RhD matched RBCs? Data from the Australian and New Zealand Massive Transfusion Registry</b> <i>Helen Elizabeth Haysom, Australia</i>

## Scientific Program: Change Management - Evidence Based Decisions

08:30 – 10:00 • Room F2 + F3

Moderators: Eric Jansen, Marja-Kaisa Auvinen

<b>08:30 - 08:45</b> PA03-L01	<b>Modeling the Effect of an Individual-Risk Based Deferral Policy for Sexual Behaviors on Blood Donations in the US</b> <i>Barbee Inman Whitaker, USA</i>
<b>08:45 - 09:00</b> PA03-L02	<b>Understanding preferences for advancing inclusion of trans and gender diverse people in blood donation in Australia</b> <i>Rachel Thorpe, Australia</i>
<b>09:00 - 09:15</b> PA03-L03	<b>Safety profile of plasma for fractionation donated in the United Kingdom, with respect to variant Creutzfeldt-Jakob Disease</b> <i>Stephen Thomas, UK</i>
<b>09:15 - 09:30</b> PA03-L04	<b>Risk of Variant Creutzfeldt-Jakob Disease for the Canadian Blood Supply</b> <i>Antoine Lewin, Canada</i>
<b>09:30 - 09:45</b> PA03-L0	<b>Is Dual Testing for hepatitis C necessary? Risk Modelling and Cost Effectiveness of removing hepatitis C antibody testing for Australian blood donors</b> <i>Veronica Hoad, Australia</i>
<b>09:45 - 10:00</b> PA03-L06	<b>Advancing inclusivity and equity for trans, nonbinary, Two-Spirit and other gender-diverse donors</b> <i>Jennie Haw, Canada</i>

## Scientific Program: Factors Affecting Quality of Red Blood Cell Products

08:30 – 10:00 • Room G3

Moderators: Denese Marks, Per Sandgren

<b>08:30 - 09:00</b> PA04-L01	<b>Recycling Apparent Waste Into Biologicals: The Case of Umbilical Cord Blood for preterm neonates' transfusion</b> <i>Luciana Teofili, Italy</i>
<b>09:00 - 09:15</b> PA04-L02	<b>The Quality of Leukoreduced Red Blood Cells Isolated From Cord Blood can be Maintained During 21 Days of Storage</b> <i>Thomas Klei, Netherlands</i>
<b>09:15 - 09:30</b> PA04-L03	<b>Knock-out of miRNA-30a-5p promotes differentiation and enucleation capacity of erythroblast cell line "imBMEP-TUD-BGO" (imBMEP-A).</b> <i>Jessica Thiel, Germany</i>
<b>09:30 - 09:45</b> PA04-L04	<b>Pre-transfusion storage alters proteostasis and circulation capacity of a metabolically- and morphologically-altered red cell subpopulation, but maintains other red cell properties</b> <i>Sandy Peltier, France</i>
<b>09:45 - 10:00</b> PA04-L05	<b>Evaluation of in Vitro Quality of Red Cell Concentrates Derived from Lipemic Whole Blood Donations</b> <i>Ayesha Fakhruddin Mohammed, Norway</i>

## Scientific Program: Technology to Improve the Donor Experience (and blood supply)

08:30 – 10:00 • Room G4

Moderators: Karin Magnussen, Maha Badawi

<b>08:30 - 09:00</b> PA05-L01	<b>Wearables in Transfusion Science</b> <i>Rik Tonino, Netherlands</i>
<b>09:00 - 09:15</b> PA05-L02	<b>What Wins the Final Faint Face Off: Temperature Patterns, Muscles, or Video?</b> <i>Elisabeth Huis In 't Veld, Netherlands</i>
<b>09:15 - 09:30</b> PA05-L03	<b>Effects of virtual reality on psycho-physiological responses during simulated blood donation among young first-time donors</b> <i>Cheuk Kwong Lee, Canada</i>
<b>09:30 - 09:45</b> PA05-L04	<b>Investigation on The Cognition of Blood Donation Knowledge Related to Novel Coronavirus (2019-nCov) Infection among Zhejiang Residents during The Epidemic Period of 2019-nCov</b> <i>Zheng Yue, China</i>

<b>09:45 - 10:00</b> PA05-L05	<b>Mobile Plasmapheresis Drive As a Strategy To Increase Plasma Hemoderivatives Needs</b> <i>Roser Vallès, Spain</i>
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**Coffee Break • Hall B**

<b>10:00 – 10:30</b>	Visit the Exhibition: Coffee Break
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**Scientific Program: Climate Change, Pandemics, Disasters: The New Normal?**

10:30 – 12:00 • Hall C

Moderators: Torsten Eich, Mike Busch

<b>10:30 - 11:00</b> PL01-L01	<b>One Health</b> <i>John Amuasi, Ghana</i>
<b>11:00 - 11:30</b> PL01-L02	<b>Disaster Planning in Blood Banking</b> <i>Heidi Doughty, UK</i>
<b>11:30 - 12:00</b> PL01-L03	<b>Emergence of Infectious Diseases due to Climate Change</b> <i>Christian Erikstrup, Denmark</i>

**Lunch Time:**

<b>12:00 – 14:00</b>	Exhibition, Lunch Break & Satellite Symposia
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**Satellite Symposium: ROCHE - Addressing Emerging and Re-emerging Threats to Blood Safety**

12:30 – 13:30 • Room F2+F3

<b>12:30 – 12:50</b>	<b>Emerging and Re-emerging Pathogens Threatening Blood Safety</b> <i>Miguel Martinez, Assoc Prof. Microbiology Dept Hospital Clínic- ISGlobal- University of Barcelona</i>
<b>12:50 – 13:10</b>	<b>Developing arbovirus assays for the cobas omni Utility Channel</b> <i>Carlo Fischer PhD, Member of a member of the AG Drexler Virus Epidemiology laboratory, Charité Universitätsmedizin Berlin</i>
<b>13:10 – 13:20</b>	<b>Roche Development Update</b> <i>Dr. Susan Galel MD, Sr. Director, Blood Screening Medical Affairs, Roche Molecular Systems Inc.</i>

<b>13:20 – 13:30</b>	<b>Q&amp;A</b>
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**Satellite Symposium: ABBOTT - Unlocking Innovation to create a More Diverse and Sustainable Blood and Plasma Supply**

12:30 – 13:30 • Room G3

**Satellite Symposium: CERUS - Pathogen Inactivation: The World is Moving On**

12:30 – 13:30 • Room G4

Moderator: M. Abedi

<b>12:30 – 12:50</b>	<b>Implementation of Pathogen Reduced products: considerations from the Canadian perspective and first experience</b> <i>Graham Sher, Ottawa – Canada</i>
<b>12:50 – 13:10</b>	<b>Improving Patient Safety through Pathogen Inactivation: the Stanford experience</b> <i>Hua Shan, Stanford – USA</i>
<b>13:10 – 13:30</b>	<b>Strategies to reduce Transfusion-Transmitted Bacterial Infections: Screening, Pathogen Inactivation, and Cold Stored Platelets Components</b> <i>Carl McDonald, London – UK</i>

**Scientific Program: Challenging Cases - Transfusion Support in Pregnancy**

14:00 – 15:30 • Room G4

Moderators: Sofia Lejon Crottet, Jill Storry

<b>14:00 - 14:30</b> PA06-L01	<b>Complex immunohematological cases in pregnancy</b> <i>Sofia Lejon Crottet</i>
<b>14:30 - 15:30</b> PA06-L02	<b>Managing the mother with a rare red cell antibody, the fetus and baby</b> <i>Vered Yahalom, Israel</i>

**Scientific Program: Challenging Cases - TRALI with TACO Spice**

14:00 – 15:30 • Room F4 + F5

Moderators: John Semple, Alan Lazarus

<b>14:00 - 14:30</b> PA07-L01	<b>Update on TRALI Pathophysiology</b> <i>Rick Kapur, Netherlands</i>
<b>14:30 - 14:45</b> PA07-L02	<b>Characterization of platelet traffic through the splenic red pulp during platelet transfusion refractoriness in a murine model</b> <i>Gabriel Rojas Jiménez, France</i>
<b>14:45 - 15:00</b> PA07-L03	<b>Platelet-derived Microparticles (PMP) could trigger the onset of acute lung injury in a LPS-primed TRALI mouse model</b> <i>Jie Yang, China</i>
<b>15:00 - 15:15</b> PA07-L04	<b>A lung injury phenotype two-hit animal model for transfusion-associated circulatory overload</b> <i>Esther Bulle, Netherlands</i>
<b>15:15 - 15:30</b> PA07-L05	<b>Protective effect of mTOR inhibitors treated dendritic cells on mortality in TRALI mice</b> <i>Li Gao, China</i>

## Scientific Program: Pathogen Inactivation

14:00 – 15:30 • Room G3

Moderators: Sheila O'Brien, Brian Custer

<b>14:00 - 14:30</b> PA08-L01	<b>Update on Pathogen Inactivation of WB, RBC, platelets, plasma</b> <i>Axel Seltam, Germany</i>
<b>14:30 - 14:45</b> PA08-L02	<b>Implementation of 100% pathogen-reduced platelet concentrates in France: impact on manufacturing and issuing of platelet concentrates as well as on the risk of transfusion-transmitted infection</b> <i>Pierre Tiberghien, France</i>
<b>14:45 - 15:00</b> PA08-L03	<b>A unique cluster of HBV subgenotype A2 is responsible for the residual risk of transfusion-transmission after the implementation of individual donation NAT screening for HBV in Japan</b> <i>Ami Tanaka, Japan</i>
<b>15:00 - 15:15</b> PA08-L04	<b>Secretion of Enterotoxins by Staphylococcus Aureus in Platelet Concentrates Modulates Release of Anti-Inflammatory and Pro-Inflammatory Cytokines</b> <i>Sylvia Ighem Chi, Canada</i>
<b>15:15 - 15:30</b> PA08-L05	<b>Cutibacterium acnes displays dampened virulence in platelet concentrates in the invertebrate silkworm model</b> <i>Sandra Ramirez-Arcos, Canada</i>

## Scientific Program: Cell Therapy by Design

14:00 – 15:30 • Room F2 + F3

Moderators: Christian Gabriel, Mickey Koh

<b>14:00 - 14:30</b> PA09-L01	<b>Restoring tumor immunogenicity with dendritic cell reprogramming</b> <i>Olga Zimmermannova, Sweden</i>
<b>14:30 - 14:45</b> PA09-L02	<b>Leukoreduction filters (LRFs) as a novel source of CAR-NK cell based immunotherapy</b> <i>Ali Moazzeni, Islamic Republic Of Iran</i>
<b>14:45 - 15:00</b> PA09-L03	<b>A Protein Corona Around Human Platelet-Derived EVS Promotes Regenerative Functions</b> <i>Katharina Schallmoser, Austria</i>
<b>15:00 - 15:30</b> PA09-L04	<b>Bone Marrow Organoids</b> <i>Abdullah Khan, UK</i>

## Scientific Program: Bridging Vein to Vein with Big Data

14:00 – 15:30 • Hall C

Moderators: Gustaf Edgren, Katja van der Hurk

<b>14:00 - 14:30</b> PA10-L01	<b>Transfusion-related immune modulation and the use of big data analytics</b> <i>Shuoyan Ning, Canada</i>
<b>14:30 - 15:00</b> PA10-L02	<b>Big forward-looking data - time for Hemovigilance 2.0?</b> <i>Jingcheng Zhao, Sweden</i>
<b>15:00 - 15:15</b> PA10-L03	<b>Chemical individuality of the blood donor as gleaned by high-throughput metabolomics of over 13,000 end of storage red blood cell samples and multi-omics analyses of 643 recalled donors</b> <i>Angelo D'alessandro, USA</i>
<b>15:15 - 15:30</b> PA10-L04	<b>Bridging the Gap: Geospatial Analysis to Estimate Demand and Unmet Need of Blood Products in Rural Kenya.</b> <i>Abdirahaman Musa Jibrail, Kenya</i>

## Coffee Break • Hall B

<b>15:30 – 16:00</b>	Visit the Exhibition: Coffee Break
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## Scientific Program: Recent Technological Advances in Immunohematology

16:00 – 17:30 • Hall C

Moderators: Christoph Gassner, Asa Hellberg

<b>16:00 - 16:30</b> PA11-L01	<b>Blood Group Haplotypes and Third Generation Sequencing</b> <i>Tim Steiert, Germany</i>
<b>16:30 - 16:45</b> PA11-L02	<b>Characterization of the genomic landscape of blood group antigens and alleles in the Indian population utilizing whole genome sequencing data</b> <i>Mercy Rophina, India</i>
<b>16:45 - 17:00</b> PA11-L03	<b>Molecular Rhd Donor Screening in Switzerland: Discovery of Novel Alleles by Nanopore-Sequencing</b> <i>Sonja Sigurdardottir, Switzerland</i>
<b>17:00 - 17:15</b> PA11-L04	<b>Implementation of a ddPCR method for non-invasive fetal blood group typing for alloimmunised pregnant women.</b> <i>Masja de Haas, Netherlands</i>
<b>17:15 - 17:30</b> PA11-L05	<b>Automated data analysis framework for next generation sequencing blood group testing</b> <i>Sylvia Mink, Austria</i>

## Scientific Program: Antigens and Thrombocytopenia

16:00 – 17:30 • Room F4 + F5

Moderators: Rick Kapur, Susanna Sainio

<b>16:00 - 16:30</b> PA12-L01	<b>New Therapies for ITP</b> <i>John Semple, Sweden</i>
<b>16:30 - 16:45</b> PA12-L02	<b>Laboratory approach and analysis of platelet-antibodies in clinically-suspected vaccine-induced thrombotic thrombocytopenia (VITT) patients in The Netherlands</b> <i>Romy Meier, Netherlands</i>
<b>16:45 - 17:00</b> PA12-L03	<b>Blocking human Fc <math>\gamma</math> RIIIA as a novel therapeutic option for the treatment of platelet alloimmune and autoimmune conditions</b> <i>Lazaro Gil Gonzalez, Canada</i>
<b>17:00 - 17:15</b> PA12-L04	<b>Trogocytosis as a mechanism of antibody-mediated immune suppression (AMIS)</b> <i>Yoelys Cruz-Leal, Canada</i>

<b>17:15 - 17:30</b> PA12-L05	<b>Prophylactic platelet transfusion prior to central venous catheter placement in patients with severe thrombocytopenia: a multicenter randomized controlled trial</b> <i>Floor van Baarle, Netherlands</i>
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## Scientific Program: Platelets.... but not as we know them

16:00 – 17:30 • Room F2 + F3

Moderators: Sandra Pettersson, Stephen Thomas

<b>16:00 - 16:30</b> PA13-L01	<b>New Platelet Products (Cold stored, cryopreserved, thrombosomes)</b> <i>Denese Marks, Australia</i>
<b>16:30 - 16:45</b> PA13-L02	<b>Inhibition of cold-induced apoptosis of platelet concentrates better maintains platelet functionality and survival</b> <i>Johanna Kirschall, Germany</i>
<b>16:45 - 17:00</b> PA13-L03	<b>The effect of N-acetyl cysteine (NAC) on expression of apoptotic and antiapoptotic microRNAs in platelet concentrates during storage</b> <i>Mohammad Reza Deyhim, Islamic Republic of Iran</i>
<b>17:00 - 17:15</b> PA13-L04	<b>Membrane Molecular Changes Associated with Platelet Cryopreservation</b> <i>Lucia Merolle, Italy</i>
<b>17:15 - 17:30</b> PA13-L05	<b>Cryopreserved platelets in a novel non-toxic DMSO-free setting maintain hemostatic function in vitro</b> <i>Kristina Ehn, Sweden</i>

## Scientific Program: Transfusion meets Implementation Science

16:00 – 17:30 • Room G3

Moderators: Morten Bagge Hansen, Gwen Clarke

<b>16:00 - 16:30</b> PA14-L01	<b>Implementation of a national non-invasive Fetal DNA Testing programme</b> <i>Frederik Banch Clausen, Denmark</i>
<b>16:30 - 16:45</b> PA14-L02	<b>Impact of the Malware Attack on Serious Adverse Events in the Republic of Ireland</b> <i>Caroline N. Casey McGillycuddy, Ireland</i>



<b>16:45 - 17:00</b> PA14-L03	<b>Implementation of an electronic Vein- to- Vein Reporting Tool in Ethiopian Blood and Tissue Bank Service; 2021 – 2022 review</b> <i>Abiy Belay Ambaye, Ethiopia</i>
<b>17:00 - 17:15</b> PA14-L04	<b>Usage and wastage of rare frozen red cells: An audit of outcomes of thawed and washed units from the UK's National Frozen Blood Bank</b> <i>Kathryn Gibb, UK</i>
<b>17:15 - 17:30</b> PA14-L05	<b>Assessment of Personal Digital Assistant Usage in Transfusion Bedside Checks</b> <i>Hyun Ji Lee, Republic of Korea</i>

## Scientific Program: Factors Affecting Supply

16:00 – 17:30 • Room G4

Moderators: Johanna Castrén, Eamonn Fergusson

<b>16:00 - 16:30</b> PA15-L01	<b>Individual Risk-Based Donor Screening</b> <i>Antoine Lewin, Canada</i>
<b>16:30 - 16:45</b> PA15-L02	<b>Mixed-methods exploration of the knowledge of young adults about blood donation processes; a one-center cross-sectional study in Cape Coast, Ghana</b> <i>Belinda Baidoo, Ghana</i>
<b>16:45 - 17:00</b> PA15-L03	<b>Novel reagents for screening of haptoglobin-deficient or IgA-deficient donors</b> <i>Naoko Watanabe-Okochi, Japan</i>
<b>17:00 - 17:15</b> PA15-L04	<b>Sustainability Impact as a Motivator of Unremunerated Blood Donor Recruitment</b> <i>Jennifer Kapral, USA</i>
<b>17:15 - 17:30</b> PA15-L05	<b>Crisis Donors as a Short-Term Relief or Long-Term Solution? A Follow-Up of Blood Donors who Registered To Donate During the Covid-19 Pandemic.</b> <i>Femmeke Prinsze, Netherlands</i>

## Poster Reception

17:45 – 18:45 • Hall B

**Satellite Symposium: GRIFOLS - Balancing malaria risk and transfusion needs in a changing world**

17:45 – 18:45 • Room F2+F3

## Tuesday, June 20

### Scientific Program: Diving Deep into Blood Groups

08:30 - 10:00 • Hall C

Moderators: Catherine Hyland, Frederik Banch Clausen

<b>08:30 - 09:00</b> PA16-L01	<b>The new Er blood group system: Piezo and its role in RBC physiology</b> <i>Vanja Karamatic Crew, UK</i>
<b>09:00 - 09:30</b> PA16-L02	<b>Elucidating the Blood Group Regulome</b> <i>Gloria Wu, Sweden</i>
<b>09:30 - 09:45</b> PA16-L03	<b>A deep learning approach to the genetic prediction of blood group antigens</b> <i>Camous Moslemi, Denmark</i>
<b>09:45 - 10:00</b> PA16-L04	<b>Intriguing outcomes from Nanopore sequencing of two cryptic A3 samples: a case of blood group mosaicism and a novel regulatory variant in the ABO system</b> <i>Gian-Andri Thun, Switzerland</i>

### Scientific Program: Pediatric Transfusion Medicine

08:30 - 10:00 • Room F4 + F5

Moderators: Satyam Arora, Helen New

<b>08:30 - 09:00</b> PA17-L01	<b>Update on Pediatric Transfusion Guidelines (ITP, MATIC)</b> <i>Cassandra Josephson, USA</i>
<b>09:00 - 09:15</b> PA17-L02	<b>Randomised controlled trial on the use of darbepoetin to reduce transfusion episodes in infants with red blood cell alloimmunisation treated with intrauterine transfusion</b> <i>I.M.C. Ree, Netherlands</i>
<b>09:15 - 09:30</b> PA17-L03	<b>Increase of cerebral blood oxygenation in preterm neonates after transfusion: distinctive effects of RBC units from umbilical blood</b> <i>Claudio Pellegrino, Italy</i>
<b>09:30 - 09:45</b> PA17-L04	<b>Rheological, Metabolic, and Morphological Characterization of Umbilical Cord Blood for Potential Transfusion Use</b> <i>Larysa Mykhailova, Italy</i>

<b>09:45 - 10:00</b> PA17-L05	<b>Association of platelet counts with bleeding in preterm neonates: an observational cohort study</b> <i>Hilde van der Staaij, Netherlands</i>
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**Scientific Program: Epidemiology Goes Viral**

08:30 - 10:00 • Room F2 + F3

Moderators: Dudi Levi, Dorte Holm

<b>08:30 - 09:00</b> PA18-L01	<b>The Impact of Babesia Testing on Transfusion-transmitted Babesiosis</b> <i>Laura Tonnetti, USA</i>
<b>09:00 - 09:15</b> PA18-L02	<b>Ten-year experience of mini-pool nucleic acid testing in blood donors in Taiwan</b> <i>Wen-Jie Liu, Taiwan</i>
<b>09:15 - 09:30</b> PA18-L03	<b>Prevalence, Incidence, and Residual Risk of HIV, HBV, and HCV in the US Blood Supply 2015 – 2021, on Behalf of the US TTIMS Program</b> <i>Brian Custer, USA</i>
<b>09:30 - 09:45</b> PA18-L04	<b>HIV incidence in US first-time blood donors during 12-month and 3-month MSM deferral policy periods on behalf of the US TTIMS Program</b> <i>Eduard Grebe, South Africa</i>
<b>09:45 - 10:00</b> PA18-L05	<b>Ten-years insight into the HBV molecular epidemiology in infected blood donors in Dalian, Northeast China</b> <i>Daniel Candotti, France</i>

**Scientific Program: Protecting Donor Health**

08:30 - 10:00 • Room G3

Moderators: Nelson Tsuno, Eva-Maria Merz

<b>08:30 - 09:00</b> PA19-L01	<b>Impact of Ultra-High Frequent Apheresis Donation on Blood Donors Health</b> <i>Rick Kaufman, USA</i>
<b>09:00 - 09:15</b> PA19-L02	<b>Beyond the Iron Gate: an exploratory study to understand the experiences of Haemochromatosis (HHC) patients who undergo therapeutic venesection at Lifeblood</b> <i>Rachel Thorpe, Australia</i>

<b>09:15 - 09:30</b> PA19-L03	<b>Blood donation and mental health: What is the prevalence of Major Depression Disorder among Danish blood donors and which symptoms should blood bank staff be mindful of when assessing a donor?</b> <i>Christina Mikkelsen, Denmark</i>
<b>09:30 - 09:45</b> PA19-L04	<b>For The love of "Kattankappi" , A Randomized control trial to study the effect of regional caffeinated beverage "Kattankappi" in blood donors before donation</b> <i>Magdelin Simon Varghese, India</i>
<b>09:45 - 10:00</b> PA19-L05	<b>The Hidden Impact of Repeated Donation: Haemoglobin and Ferritin Iron levels in Irish Blood donors</b> <i>Allison Waters, Ireland</i>

### Scientific Program: Peer Review: A community approach to quality science

08:30 - 10:00 • Room G4

Moderators: Miquel Lozano, Jason Acker

<b>08:30 - 10:00</b> PA20-L04	<b>Peer Review: A community approach to quality science</b> <i>Jason Acker, Canada</i>
<b>08:30 - 10:00</b> PA20-L05	<b>Peer Review: A community approach to quality science</b> <i>Miquel Lozano, Spain</i>

### Coffee Break • Hall B

<b>10:00 – 10:30</b>	Visit the Exhibition: Coffee Break
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### Scientific Program: Lab Grown Blood: Future or Fantasy?

10:30 - 12:00 • Hall C

Moderators: Jason Acker, Erica Wood

<b>10:30 - 11:00</b> PL02-L01	<b>Update on RESTORE study</b> <i>Ashley Toye, UK</i>
<b>11:00 - 11:30</b> PL02-L02	<b>Ex vivo platelet production system: future perspective from first-in-human study by ipsc-plts</b> <i>Koji Eto, Japan</i>

<b>11:30 - 12:00</b> PL02-L03	<b>Large scale production of cultured red blood cells for transfusion purposes</b> <i>Marieke von Lindern, Netherlands</i>
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**Lunch Time:**

<b>12:00 – 14:00</b>	Exhibition, Lunch Break & Satellite Symposia
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**Satellite Symposia: ROCHE - Deliver Solutions to Increase Blood Screening Efficiency**

12:30 – 13:30 • Room F2+F3

<b>12:30 – 12:45</b>	<b>Comparison of the cobas® 5800 System and cobas s 201 System Workflow for HIV, HBV, HCV</b> <i>Ms. Analia Seravalle, CIBIC Laboratories</i>
<b>12:45 – 13:00</b>	<b>Finnish Red Cross experience - the implementation of Roche RBSS total solutions</b> <i>Dr. Heli Tenkanen, Finnish Red Cross</i>
<b>13:00 – 13:15</b>	<b>Q&amp;A</b>
<b>13:15 – 13:30</b>	<b>Summary &amp; Closing</b>

**Satellite Symposia: IMMUCOR - Optimizing your Lab Workflow & Efficiency with Automated Specialized Immunoheamatology Assays and Software**

12:30 – 13:30 • Room G3

<b>12:30 – 12:50</b>	<b>Panel ID module ImmuLINK 3.0</b> <i>Gianni Giuffre, Senior Marketing Manager at Immucor</i>
<b>12:50 – 13:10</b>	<b>Capture sensitivity and non-ABO titration</b> <i>Dr Samantha Reynolds, Trainee Consultant Clinical Scientist Blood Transfusion, Plymouth University Hospital (UK)</i>
<b>13:10 – 13:30</b>	<b>ABO titration for donors</b> <i>Dr. Susanna Bresciani, Biologist Manager at the Immunohematology and Transfusion Medicine Service at Spedali Civili Hospital of Brescia (Italy)</i>

## Satellite Symposia: QUDELORTHO - Panel: Fact or Fiction – Why we still need to talk about Hemolytic Disease of the Fetus and Newborn

12:30 – 13:30 • Room G4

Moderator: Tony S. Casina, USA

<b>12:30 – 12:35</b>	<b>Welcome and Introduction</b> <i>Tony S. Casina, USA</i>
<b>12:35 – 12:45</b>	<b>1) RhD protein: biology &amp; genetics</b> <b>2) HDFN overview</b> <b>3) Types of antibodies causing HDFN</b> <i>Sue T. Johnson, MSTM, MLS(ASCP)SBBCM</i> <i>Director of Clinical Education at Versiti Blood Center of Wisconsin. Director of Versiti's Specialist in Blood Banking (SBB) Program, US</i>
<b>12:45 – 12:55</b>	<b>1) HDFN prevalence</b> <b>2) 'Founder Effect'</b> <b>3) HDFN: Testing in the lab</b> <i>Shane Grimsley, DipRCPATH. Senior Clinical Scientist (HSST), International Blood Group Reference Laboratory, NHS Blood and Transplant (NHSBT), UK</i>
<b>12:55 – 13:05</b>	<b>1) HDFN treatment</b> <b>2) Guidelines overview</b> <b>3) Patient management and surveillance</b> <i>Claudia S. Cohn, MD, PhD. Professor of Laboratory Medicine and Pathology. Director, Blood Bank Laboratory. Associate Director, Clinical Laboratories University of Minnesota, US</i>
<b>13:05 – 13:25</b>	<b>Panel discussion:</b> <ul style="list-style-type: none"> <li>- <b>Fact or Fiction 1: An individual with a partial RhD phenotype can be implicated in HDFN?</b></li> <li>- <b>Fact or Fiction 2: Is anti-K a bigger problem than anti-c in pregnancy?</b></li> <li>- <b>Fact or Fiction 3: Should all pregnant women who demonstrate a serologic weak D test result be provided RhIG?</b></li> </ul>
<b>13:25 – 13:30</b>	<b>Close</b>

## Scientific Program: Crossmatching 2.0

14:00 - 15:30 • Hall C

Moderators: Sofia Lejon Crottet, Roland Fiskesund

<b>14:00 - 14:30</b> PA21-L01	<b>CD47 Biotherapy: a new incompatibility threat</b> <i>Christine Lomas Francis, USA</i>
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<b>14:30 - 14:45</b> PA21-L02	<b>The effects of IMC-002, a novel anti-CD47 monoclonal antibody, on pretransfusion compatibility testing</b> <i>Tae-Shin Kim, Republic of Korea</i>
<b>14:45 - 15:00</b> PA21-L03	<b>CD71+ RBCs Mediate Increased Erythrophagocytosis and Reduced Monocytes in Human Suspension Assay</b> <i>Wenhui Li, Canada</i>
<b>15:00 - 15:15</b> PA21-L04	<b>Evaluating the clinical significance of alloantibodies against GP.Mur using flow cytometry phagocytosis assay</b> <i>Ling Wei, China</i>
<b>15:15 - 15:30</b> PA21-L05	<b>Detection of erythrocyte alloantibodies in patient sera using a novel flow cytometry approach</b> <i>Anne Cornelissen, Netherlands</i>

### Scientific Program: When to Transfuse?

14:00 - 15:30 • Room F4 + F5

Moderators: Cynthia So Osman, Nicholas Holthuis

<b>14:00 - 14:30</b> PA22-L01	<b>Sickle Cell Disease Update</b> <i>Corien Eckhardt-de Groot, Netherlands</i>
<b>14:30 - 14:45</b> PA22-L02	<b>2021 National Comparative Audit of NICE Quality Standard QS138</b> <i>Paul Davies, UK</i>
<b>14:45 - 15:00</b> PA22-L03	<b>Predictors of the platelet corrected count increment, a secondary analysis of the PACER randomized controlled trial</b> <i>Floor van Baarle, Netherlands</i>
<b>15:00 - 15:15</b> PA22-L04	<b>Profiling of RBC utilisation among RBC recipients in Singapore in 2015-2019</b> <i>Jing Wei Neo, Singapore</i>
<b>15:15 - 15:30</b> PA22-L05	<b>Pulmonary and thrombotic outcomes in plasma and platelet transfusion recipients prior to and following periods of blood donor SARS-CoV-2 infection and vaccination</b> <i>Nareg Roubinian, USA</i>



## Scientific Program: CD36 (and Beyond) - Jack of All Trades

14:00 - 15:30 • Room G3

Moderators: Nicole Thornton, Jill Storry

<b>14:00 - 14:30</b> PA23-L01	<b>Shared antigen carriers</b> <i>Nelson Tsuno, Japan</i>
<b>14:30 - 14:45</b> PA23-L02	<b>Challenging the Definition of a Blood Group: Proposal to Make CD36 a Novel Blood Group System Based on a Case Report and Pre-Existing Genetic, Proteomic and Clinical Data</b> <i>Abdul G Alattar, Sweden</i>
<b>14:45 - 15:00</b> PA23-L03	<b>Transcriptome Sequencing Analysis Identifies MMP-9 as a Potential Key Gene in CD36 Antibody-Mediated Transfusion-Associated Acute Lung Injury</b> <i>DaWei Chen, China</i>
<b>15:00 - 15:15</b> PA23-L04	<b>The platelet-activating factor (PAF) pathway can mediate the adverse inflammatory reactions associated with anti-erythrocyte antibody therapy in a murine model</b> <i>Alan Lazarus, Canada</i>
<b>15:15 - 15:30</b> PA23-L05	<b>A case of platelet transfusion refractoriness due to anti-CD36 with a successful treatment outcome in a patient with aplastic anemia and allogeneic stem cell transplantation</b> <i>Angel Luis Pajares Herraiz, Spain</i>

## Scientific Program: Blood Services Wider Contribution to Public Health?

14:00 - 15:30 • Room F2 + F3

Moderators: Antoine Lewin, Jay Epstein

<b>14:00 - 14:30</b> PA24-L01	<b>Important role for biorepositories in global surveillance and epidemiological studies</b> <i>Mike Busch, USA</i>
<b>14:30 - 14:45</b> PA24-L01.1	<b>Generating synthetic blood transfusion data for haemoglobin deferral prediction</b> <i>Mart Janssen, Netherlands</i>
<b>14:45 - 15:00</b> PA24-L02	<b>The effect of COVID-19 interventions on virus nasal carriage among Danish blood donors</b> <i>Khoa Manh Dinh, Denmark</i>

15:00 - 15:15 PA24-L03	<b>Influence of sex, age, BMI, and smoking on 47 circulating inflammatory and vascular stress biomarkers in 9,876 healthy individuals – Results from the Danish Blood Donor Study</b> <i>Bertram Kjerulff, Denmark</i>
15:15 - 15:30 PA24-L04	<b>Development of a Nationwide Repeat Blood Donor Cohort to Monitor SARS-CoV-2 Serosurveillance and Population Immunity</b> <i>Mars Stone, USA</i>

**Scientific Program: The Donor Factor**

14:00 - 15:30 • Room G4

Moderators: Sofia Nystrom, Soraya Amar El Dusouqui

14:00 - 14:30 PA25-L01	<b>Impact of Donor Factors on Blood Product Quality and Transfusion Outcomes</b> <i>Tamir Kanias, USA</i>
14:30 - 14:45 PA25-L02	<b>Removing the tattoo deferral for donors giving plasma for further manufacture gains much sufficiency, is safe, and can be safely extended to whole blood donors</b> <i>Veronica Hoad, Australia</i>
14:45 - 15:00 PA25-L03	<b>Menstrual blood loss is an important determinant of Hb and ferritin in premenopausal blood donors</b> <i>Jan Karregat, Netherlands</i>
15:00 - 15:15 PA25-L04	<b>Effectiveness of Ferritin-guided Donation Intervals in Blood Donors: Results of the Stepped-wedge Cluster Randomized FIND'EM Trial</b> <i>Amber Meulenbeld, Netherlands</i>
15:15 - 15:30 PA25-L05	<b>Impact of donor sex, age, BMI, Hb level, ferritin level, outdoor temperature, time of day and time between donations on perceived donor haemoglobin recovery after donation</b> <i>Mart Janssen, Netherlands</i>

## Scientific Program: Case Studies in Transfusion Ethics - Fireside Chat

14:00 - 15:30 • Room G1

Moderator: Mindy Goldman

<b>14:00 - 14:30</b> PA34-L01	<b>Ethics in Action</b> <i>Shubha Allard, UK</i>
<b>14:30 - 15:00</b> PA34-L02	<b>Ethical consideration in transfusion medicine and biotherapies</b> <i>Arwa Al Riyami, Oman</i>

## Coffee Break • Hall B

<b>15:30 - 16:00</b>	Visit the Exhibition: Coffee Break
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## Scientific Program: Fetal Maternal Immunology

16:00 - 17:30 • Hall C

Moderators: Agneta Wikman, Alan Lazarus

<b>16:00 - 16:15</b> PA26-L01	<b>Rh disease prevention for women with partial D: is routine antenatal anti-D prophylaxis useful?</b> <i>Cecile TOLY-NDOUR, France</i>
<b>16:15 - 16:30</b> PA26-L02	<b>Natural history of human platelet antigen (HPA)-1a alloimmunised pregnancies: prospective observational cohort study</b> <i>Mees Bruin, Netherlands</i>
<b>16:30 - 16:45</b> PA26-L03	<b>Natural course of hemolytic disease of the fetus and newborn after pregnancy with intrauterine transfusions</b> <i>Renske van 't Oever, Netherlands</i>
<b>16:45 - 17:00</b> PA26-L04	<b>HLA class I antigen knock out endothelial cells, a tool for the detection of endothelial-specific anti-HPA-1a alloantibodies</b> <i>Jonas Lowack, Germany</i>
<b>17:00 - 17:15</b> PA26-L05	<b>Pre-Administration of Baicalin Inhibits Red Blood Cell Immunization in a Mouse Model of Red Blood Cell Transfusion</b> <i>Xueyu Jiang, China</i>
<b>17:15 - 17:30</b> PA26-L06	<b>Fetal RHD genotyping by droplet digital PCR for D variant mothers or children</b> <i>Ellen van der Schoot, Netherlands</i>

## Scientific Program: Harmonization of Apheresis Starting Material for Cell Therapies Manufacture - Is it Needed and How? (AABB / ISBT joint session) Fireside chat

16:00 - 17:30 • Room F4 + F5

Moderator: Rick Kaufmann

<b>16:00 - 16:45</b> PA27-L01	<b>Managing PBMC donors during Increasing Demand for Cell Therapeutics</b> <i>Richard Schafer, Germany</i>
<b>16:45 - 17:30</b> PA27-L02	<b>Growing Variations in Cell collections Requirements</b> <i>Joseph Schwartz, USA</i>

## Scientific Program: IT in Blood Management

16:00 - 17:30 • Room G3

Moderators: Jørgen Georgsen, Shirley Owusu Ofori

<b>16:00 - 16:15</b> PA28-L01	<b>Uptake of electronic blood management systems in transfusion – a UK survey</b> <i>Victoria Tuckley, UK</i>
<b>16:15 - 16:30</b> PA28-L02	<b>The Practice and Application Effect Analysis of Platelet Electronic Matching</b> <i>Cuie Wang, China</i>
<b>16:30 - 16:45</b> PA28-L03	<b>Evaluating the Inventory Impact of Utilizing Low Titer Platelets in Regional Hospitals</b> <i>John Blake, Canada</i>
<b>16:45 - 17:00</b> PA28-L04	<b>Improve Platelet Supply Management with 7-Day Platelet in Singapore</b> <i>Zirong Huang, Singapore</i>
<b>17:00 - 17:15</b> PA28-L05	<b>Factors relevant for successful implementation of electronic identity control before blood transfusion</b> <i>Betina Soerensen, Denmark</i>
<b>17:15 - 17:30</b> PA28-L06	<b>Cost-utility analysis of screening of pregnant women for human platelet type 1a-alloantibodies mediated fetal neonatal alloimmune thrombocytopenia</b> <i>Masja de Haas, Netherlands</i>

## Scientific Program: Finding Rare - Well Done!

16:00 - 17:30 • Room F2 + F3

Moderators: Vered Yahalom, Linda Bodecker Zingmark

<b>16:00 - 16:30</b> PA29-L01	<b>Managing Rare Blood: A sustained challenge around the globe!</b> <i>Gwen Clarke, Canada</i>
<b>16:30 - 16:45</b> PA29-L02	<b>Rare Blood Donor Programs: ISBT working party survey</b> <i>Tanya Powley, Australia</i>
<b>16:45 - 17:00</b> PA29-L03	<b>Development of RBC and platelet rare blood screening panels based on MALDI-TOF mass spectra</b> <i>Luyi Ye, China</i>
<b>17:00 - 17:15</b> PA29-L04	<b>Demographic study and transfusion challenges related to the rare D+C+E+c-e- (RZRZ) phenotype: The French experience</b> <i>Thierry Peyrard, France</i>
<b>17:15 - 17:30</b> PA29-L05	<b>The American Rare Donor Program's Support of Patients with Sickle Cell Disease</b> <i>Margaret A. Keller, USA</i>

## Scientific Program: DEHP Bags in Transition... Are We Ready?

16:00 - 17:30 • Room G4

Moderators: Rebecca Cardigan, Ólafur Eysteinn Sigurjónsson

<b>16:00 - 16:30</b> PA30-L01	<b>Update on non-DEHP Blood containers</b> <i>Linda Larsson, Sweden</i>
<b>16:30 - 16:45</b> PA30-L02	<b>In Vitro Evaluation of Red Blood Cells, Platelets, and Plasma Componentized with an Automated Blood Processing System and Stored in a Non-DEHP Plasticized Bag System</b> <i>Alice Chen, USA</i>
<b>16:45 - 17:00</b> PA30-L03	<b>In vitro evaluation of Red Cell Concentrates and Plasma prepared and stored in non-DEHP bags from whole blood collected in full non-DEHP In-Line system</b> <i>Laurent Acoustin, France</i>
<b>17:00 - 17:15</b> PA30-L04	<b>Evaluation of containers with innovative PVC plasticizer used for 42-day storage of BCR-AS</b> <i>Joanna Lasocka, Poland</i>

<b>17:15 - 17:30</b> PA30-L05	<b>Comparison of the in Vitro Quality of Red Cell Concentrates, Prepared from Whole Blood Collected In DINCH-PVC and Stored in Bthc-, Deht- and DINCH-PVC Storage Bags</b> <i>Johan Lagerberg, Netherlands</i>
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**SRI Workshop - Transfusion Evidence 'Round-up' Featuring World Blood Donor Day**

16:00 - 17:30 • Room F1

Moderators: Allison Mo, Lise Estcourt

**ISBT General Assembly**

17:30 – 18:30 • Room G1

***Only for ISBT Members***

## Wednesday, June 21

### Scientific Program: A, B, Maybe?

08:30 - 10:00 • Room G4

Moderators: Annika Hult, Nicole Thornton

<b>08:30 - 08:45</b> PA31-L01	<b>Identification of Three Novel ABO Blood Group Alleles</b> <i>Sofia Lejon Crottet, Switzerland</i>
<b>08:45 - 09:00</b> PA31-L02	<b>Truncated glycosyltransferase coding regions in novel ABO alleles give rise to weak A or B blood group expression and discrepant typing results</b> <i>Jennifer Ricci Hagman, Sweden</i>
<b>09:00 - 09:15</b> PA31-L03	<b>Beyond the hemagglutination assay for ABO-histocompatibility: ABH-glycan-functionalized beads allow precise characterization of ABO antibodies</b> <i>Lori J. West, Canada</i>
<b>09:15 - 09:30</b> PA31-L04	<b>Four cases of recipient blood group serum typing accommodated to donor organs after ABO-incompatible kidney transplantation</b> <i>Kyunghun Kim, Republic of Korea</i>
<b>09:30 - 09:45</b> PA31-L05	<b>Novel evidence that the ABO blood group shapes erythropoiesis and results in higher hematocrit for blood group B carriers</b> <i>Romy Kronstein-Wiedemann, Germany</i>
<b>09:45 - 10:00</b> PA31-L06	<b>Correlation of ABO antibody titers with physiological/biochemical parameters in Japanese blood donors, and comparison between donors of 2010 and 2021</b> <i>Masamichi Mikame, Japan</i>

### Scientific Program: CAR-T therapeutics and stem cells - Joint ISBT / EHA Session

08:30 - 10:00 • Room F2+F3

Moderators: Erica Wood, Allison Waters

<b>08:30 - 09:00</b> PA32-L01	<b>Update on CAR-T therapeutics</b> <i>Christian Chabannon, France</i>
<b>09:00 - 09:30</b> PA32-L02	<b>New Perspectives on the Role of Blood Services in CAR-T</b> <i>Nina Worel, Austria</i>
<b>09:30 - 09:45</b> PA32-L03	<b>Pressure ulcer treatment with autologous bone-marrow mononuclear stem cells. EudraCT 2008-003015-12 results</b> <i>Angeles Fernandez Rodriguez, Spain</i>

<b>09:45 - 10:00</b> PA32-L04	<b>Criteria of storage for cord blood units at Japanese Red Cross Kanto-Koshinetsu Cord Blood Bank</b> <i>Naoko Watanabe-Okochi, Japan</i>
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## Scientific Program: Adverse Events

08:30 - 10:00 • Room F4+F5

Moderators: Mary Townsend, Mohammad R. Abedi

<b>08:30 - 08:48</b> PA33-L01	<b>ABO incompatible transfusions still a significant risk: 15 years of data from the Serious Transfusion Incident Report (STIR) program, Australia</b> <i>Linley Bielby, Australia</i>
<b>08:48 - 09:06</b> PA33-L02	<b>The impact of perioperative blood transfusions on major adverse cardiovascular and cerebrovascular events (MACCE) in elective-major abdominal surgery patients</b> <i>Fraser Morris, Australia</i>
<b>09:06 - 09:24</b> PA33-L03	<b>Role of anti-HLA Class I IgG subclasses in platelet activation in the context of platelet transfusion refractoriness</b> <i>Adèle Couvidou, France</i>
<b>09:24 - 09:42</b> PA33-L05	<b>SHOT about SOT- transfusion incidents in solid organ transplant recipients reported to SHOT</b> <i>Victoria Tuckley</i>
<b>09:42 - 10:00</b> PA33-L06	<b>Delayed transfusions reported to the French haemovigilance database: 2011 – 2021</b> <i>Aline Mirrione Savin</i>

## Scientific Program: Achieving Efficiencies in Blood Component Production

08:30 - 10:00 • Hall C

Moderators: Jason Acker, Denese Marks

<b>08:30 - 09:00</b> PA35-L01	<b>Automation in blood product manufacturing</b> <i>Shanti Krishnan, Australia</i>
<b>09:00 - 09:15</b> PA35-L02	<b>Assessment of biological response modifiers in cold-stored group O whole blood product</b> <i>Joanne Tan, Australia</i>



<b>09:15 - 09:30</b> PA35-L03	<b>In Vitro Biochemical and Functional Comparison Of Amotosalen-Uva-Treated Buffy-Coat Platelet Concentrates Stored in Pas-C Or Pas-E Additive Solution up to 7 Days</b> <i>Beatrice Hechler, France</i>
<b>09:30 - 09:45</b> PA35-L04	<b>Quality of Red Cell Concentrates From Non-Anemic Donors with Signs of Iron Deficiency</b> <i>Danny Brouard, Canada</i>
<b>09:45 - 10:00</b> PA35-L05	<b>Preparation of Hypoxic Red Blood Cells for Transfusion of Thalassemia Study Patients</b> <i>Vanessa Agostini, United Kingdom</i>

### Legendary Leadership Workshop for Young Professionals (under 40)

08:30 - 10:00 • Room F1

Moderator: Judith Chapman

### Scientific Program: Achieving Efficiencies in Blood Component Production

10:30 - 12:00 • Hall C

Moderators: Pierre Tiberghien, Lin Fung

<b>10:30 - 11:00</b> PL03-L01	<b>TBC</b>
<b>11:00 - 11:30</b> PL03-L02	<b>ISBT Social Science, Equality, Diversity and Inclusivity in the Transfusion Chain: Current and Future Issues</b> <i>Eva-Maria Merz, Netherlands</i>
<b>11:30 - 12:00</b> PL03-L03	<b>The power of science, art and co-design for enhancing donor recruitment and retention</b> <i>Eamonn Fergusson, United Kingdom</i>

### Closing Ceremony & Farewell

<b>12:00 - 12:30</b>	Closing Ceremony • Hall C
<b>12:30 - 13:30</b>	Farewell Lunch • F6 Area (level 2)