# CONFERENCE PROGRAMME
## WEDNESDAY 24TH SEPTEMBER

**0800 - 1030**
**1000 - 1200**
***Auditorium***

PHARMACOSMOS
Committed to Quality

**Coffee and registration**
**Iron Therapy – Yes to all?**

**Intended Audience:**
Anaesthetists in training, staff involved in blood management: eg, pre-operative anaemia management, haemorrhage management and staff involved in the use of cell salvage and viscoelastic testing.
Session Co-ordinator, Mr Toby Richards, University College London

**Introduction, background and PREVENTT**
*Mr Toby Richards, University College London*

**IV iron for all!** **INTERACTIVE**
*Ravishankar Rao Baikady, Royal Marsden Hospital, London*

**Functional iron deficiency, Hepcidin and novel interventions**
*Professor Guenter Weiss, Medical University, Innsbruck, Austria*

**Iron and Cancer Growth**
*Mr Tariq Iqbal, University of Birmingham*

**Debate: 1120 - 1200 – Is iron therapy a good thing?** **INTERACTIVE**

**Beware the hidden effects – how can too much iron can be a bad thing?**
*Professor John Porter, University College Hospital, London*

**The benefits of iron supplementation outweigh the risk**
*Professor Iain MacDougall, Kings College London*

**1200 - 1315**
***Exhibition Hall***

**Lunch & Trade Exhibition**

**1315 - 1445**
***Auditorium***

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**Cutting edge of transfusion management with HoT SIG** **INTERACTIVE**
*Session Co-ordinator: Mr Toby Richards, University College, London*
*Chair: Dr Megan Rowley, NHSBT, Colindale*

# WEDNESDAY 24TH SEPTEMBER

**Single unit transfusion policy – Efficacy & effect?**
*Dr Simon Towler, Fiona Stanley Hospital, Murdoch, Western Australia*

**Restrictive transfusion in surgery – When and where?**
*Professor Gavin Murphy, University of Leicester*

**What is the point of Point of Care Testing?**
*Professor Ravi Gil, University Hospital, Southampton*

**1445 - 1500**

**Comfort Break**

**1500 - 1630**
***Auditorium***

PHARMACOSMOS
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**Iron supplementation in clinical practice**
Session Co-ordinator: Mr Toby Richards, University College, London
Chair: Jane Keidan (Retd), Queens Elizabeth Hospital, Kings Lynn

**Iron deficiency and the endurance athlete**
*Dr Richard Burden, St Mary's University College, Twickenham*

**Causes and effect of anaemia before cardiac surgery**
*Dr Andrew Klein, Papworth Hospital, Cambridge*

**Low dose oral iron is the way forward**
*Mr Tariq Iqbal, University of Birmingham*

**Clinical Trials of iron therapy – Cochrane Review**
*Dr Kurinchi Guruswamy, University College Hospital, London*

**Iron therapy in surgery practice – when and where? Experience from the European leaders**
*Dr Jose Garcia Erce, Hospital San Jorge, Huesca, Spain*

**1030 - 1200**
***Queens Suite 3***

**Red Cell 1 – What's in the bag? Vesicles**
Session Co-ordinators: Dr Lesley Bruce, BITS/NHSBT Bristol
Dr Kay Ridgwell, NHSBT Bristol  Chair: Dr Lesley Bruce

# WEDNESDAY 24TH SEPTEMBER

**1030 - 1200**
***Queens Suite 2***

**Intended Audience:**
Biomedical Scientists and trainees working in hospital transfusion departments, UK Blood Services, and associated services. Research scientists involved in basic research work. Clinicians who prescribe blood components in haematology, surgery, intensive care, obstetrics and trauma settings. Transfusion practitioners. Anyone in the wider scientific community who is interested in the red cell research carried out in the UK.

**Cytoskeletal dynamics & spontaneous inside-out vesiculation of red blood cell membranes**
*Dr Virgilio Lew, Dr Teresa Tiffert, University of Cambridge*

**The role of intravascular haemolysis in the mechanisms of thrombosis in PNH**
*Dr Anita Hill, St James' University Hospital, Leeds*

**Structure-function analysis of stomatin**
*Prof Rainer Prohaska, Max F Perutz Laboratories, Vienna, Austria*

**Red Cell AGM**
**Election of committee members & proposals for the future development of the Red Cell SIG**

**Paediatrics**
Session Co-ordinator: Dr Helen New, Imperial College Healthcare NHS Trust/NHSBT London
Guest Chair: Dr Andrew Will, Royal Manchester Children's Hospital

**Intended Audience:**
Anyone involved in the transfusion of neonates and children: laboratory and clinical staff.

**Avoiding blood products in spinal surgery**
*Mr Neil Oxborrow, Royal Manchester Children's Hospital*

**Presentation and discussion of audit of paediatric transfusion prescription charts.** **INTERACTIVE**
*Tracey Shackleton, Alder Hey Hospital, Liverpool*

**Hot Topics in paediatric transfusion and emergency provision from the Blood Transfusion Lab**
*Ms Margaret Slade, Alder Hey Hospital, Liverpool*

# WEDNESDAY 24TH SEPTEMBER

**1030 - 1200**
***Queens Suite 1***

**Therapeutic Apheresis**
**What's in the collect bag, and how do we know? The challenge of evidence in Clinical Apheresis**
Session Co-ordinators & Co-chairs: Mrs Catherine Howell, NHSBT Oxford
Dr Kenny Douglas, SNBTS Glasgow

**Intended Audience:**
Anyone with an interest in clinical apheresis and/or cellular therapy product procurement by apheresis. Apheresis nurses, medics, BMS staff and any interested others are all very welcome.

**The sun sets on Spectra and rises on Optia:**
**NHSBT's experience with implementation of a new cell separator platform**
*Dr Khaled El- Ghariani, NHSBT Sheffield*

**Therapeutic leucoreduction and thromboreduction procedures in leukaemia and other blood cancers: who, why and how?**
*Prof John Snowden, Sheffield Teaching Hospitals NHSFT*

**Antibody-mediated autoimmune encephalitis: an increasingly common indication for plasma exchange?**
*Dr Sarosh Irani, Oxford University Hospital NHS Trust*

**1030 - 1200**
***Queens Suite 4***

**Cellular Therapy 1**
Cellular therapies in clinical practice
Session Co-ordinator: Dr Dan Hollyman, NHSBT Birmingham Chair: Eric Austin, NHSBT Liverpool

**Intended Audience:**
A wide range of delegates including clinicians, laboratory staff, nurses and researchers involved in stem cell and cellular therapies.

**The Role of the Quality Manager in Stem Cell Transplantation**
*Sarah Ward, University Hospital, Leicester*

# WEDNESDAY 24TH SEPTEMBER

**The role of registries and unrelated stem cell donation in the BMT Pathway**
*Mr David Winstone, NHSBT Bristol*

**An update on the proposed 6th edition JACIE Cell processing standards**
*Dr Claire Wiggins, NHSBT Southampton*

**1200 - 1315**
***Exhibition Hall***

**Lunch and Trade Exhibition**

**1315 - 1445**
***Queens Suite 3***

**Red Cell 2 – Haemoglobinopathies**
Session Co-ordinators: Dr Lesley Bruce, BITS/NHSBT Filton, Dr Kay Ridgwell, NHSBT Filton
Chair: Dr Lesley Bruce

**Intended Audience:**
Biomedical Scientists and trainees working in hospital transfusion departments, UK Blood Services, and associated services.
Research scientists involved in basic research work.
Clinicians who prescribe blood components in haematology, surgery, intensive care, obstetrics and trauma settings. Transfusion practitioners. Anyone in the wider scientific community who is interested in the red cell research carried out in the UK.

**Epsilon-gamma-delta-beta thalassaemia, a rare cause of severe anaemia in newborns**
*Dr Shirley Henderson, John Radcliffe Hospital, Oxford*

**Red cell alloimmunisation in sickle cell disease and thalassemia**
*Dr Aleksandar Mijovic, NHSBT Tooting*

**Could the Haemoglobin Bart's Hydrops Fetalis Syndrome ever be considered treatable?**
*Dr Duantida Songdej, Weatherall Institute of Molecular Medicine, Oxford*

**1315 - 1445**
***Queens Suite 2***

**Blood Bank Technology** **INTERACTIVE**
Session Co-ordinator & Chair: Mr Steve Tucker, Colchester General Hospital

**Intended Audience:**
Workers interested in current practice and new developments in Blood Bank Technology.

# WEDNESDAY 24TH SEPTEMBER

**Matching phenotypes for red cell transfusion – what's the frequency?**
*Mr Martin Maley NHSBT RCI, Newcastle*

**Key changes in new BCSH Transfusion I.T. Guidelines**
*Mrs Debbie Asher, Norfolk and Norwich University Hospitals NHS FT*

**The well equipped lone worker – A TACTful UKTLC update**
*Mr Bill Chaffe, UK NEQAS/IBMS, Watford*

**Doing Transfusion the Carter Way – The vision for the Pathology Partnership in the EoE**
*Mr Allan Morrison, The Pathology Partnership, Addenbrookes Hospital, Cambridge*

**1315 - 1445**
***Queens Suite 1***

**Components**
**Cost and benefits of platelet production**
Session Co-ordinator: Mr Alex Morrison, SNBTS Edinburgh Chair: Dr Steve Thomas, NHSBT Watford

**Intended Audience:**
Anyone with a scientific background and an interest in blood components.

**The risk of vCJD transmission by blood components – SaBTO review of pooled versus apheresis platelets**
*Prof Marc Turner, Medical Director, SNBTS Edinburgh*

**Platelets, pooling & PAS: Proof, practice or persuasion?**
*Dr Gail Miflin, NHSBT Watford*

**Pathogen inactivation of platelets – the Swiss experience**
*Dr Laura Infanti, Basel, Switzerland*

**1315 - 1445**
***Queens Suite 4***

**Cellular Therapy 2**
**The development and clinical application of Advanced Therapy Medicinal Products (ATMPs)**
Session Co-ordinator: Dr Dan Hollyman, NHSBT Birmingham Chair: Dr Eric Austin, NHSBT Liverpool

**Intended Audience:**
A wide range of delegates including clinicians, laboratory staff, nurses and researchers involved in stem cell and cellular therapies.

**The Development and GMP manufacture of adoptive T cell therapies**
*Dr Ryan Guest, University of Manchester.*

**Practicalities and problems in the clinical scale manufacture of messenchymal stromal cell**
*Dr Stephen Marley, Kings College Hospital, London*

**Engineered T cell therapies of cancer: critical parameters for clinical success**
*Dr Gavin Bendle, University of Birmingham*

**1445 - 1500**
***Exhibition Hall***
**1500 - 1630**
***Queens Suite 3***

**Comfort Break**

**Red Cell 3 – What's in the bag? – new technologies**
Session Co-ordinators: Dr Lesley Bruce, NHSBT Bristol, Dr Kay Ridgwell, NHSBT Bristol
Chair: Dr Kay Ridgwell

**Intended Audience:**
Biomedical Scientists and trainees working in hospital transfusion departments, UK Blood Services, and associated services. Research scientists involved in basic research work. Clinicians who prescribe blood components in haematology, surgery, intensive care, obstetrics and trauma settings. Transfusion practitioners. Anyone in the wider scientific community who is interested in the red cell research carried out in the UK.

**Developing the next generation of artificial blood substitutes**
*Prof Chris Cooper, University of Essex*

**Rapid diagnosis for unexplained anaemia using targeted massively parallel sequencing**
*Dr Noémi Roy, Weatherall Institute of Molecular Medicine, Oxford*

# WEDNESDAY 24TH SEPTEMBER

**The haemoglobinopathy patient genotyping project – optimising clinical care**
*Dr Kirstin Finning/Mr Shane Grimsley, IBGRL, NHSBT Bristol*

**1500 - 1630**
***Queens Suite 1***

**Microbiology**
Session Co-ordinator & Chair: Dr Carl McDonald, NHSBT, Colindale

**Intended Audience:**
Scientific and Medical Staff with an interest in Microbiology.

**Pandemic Flu, MERS-CoV, Ebola! What's next? What are we doing about emerging infections?**
*Mrs Claire Reynolds, NHSBT Colindale*

**BacT/ALERT – the next generation**
*Mrs Claire Kirby, BioMerieux, Basingstoke*

**Faecal transplantation: alchemy or therapy**
*Dr Tyrone Pitt, NHSBT Colindale*

**Aspergillus in the blood collection environment – an investigation**
*Mr Stephen Pearce, WBS*

**1500 - 1630**
***Queens Suite 4***

**Cellular Therapy 3**
Chair: Dr Akila Chandrasekar, NHSBT Liverpool

**Intended Audience:**
A wide range of delegates including clinicians, laboratory staff, nurses and researchers involved in stem cell and cellular therapies.

**An overview of training opportunities with the BBTS and BATB Specialist Certificates**
*Dr Akila Chandrasekar, NHSBT Liverpool*

**An overview of the Bristol University MSc in Transfusion and Transplantation Sciences**
*Prof Marion Scott, NHSBT Filton Bristol*

# WEDNESDAY 24TH / THURSDAY 25TH SEPTEMBER

**An overview of the UCL MSc in Cell and Gene Therapies**
*Dr Steven Howe, UCL Institute of Child Health, London*

**Open discussion with input from delegates on the future direction of the CT SIG**
*Dr Dan Hollyman, NHSBT Birmingham*

**1630 - 1700**
***Exhibition Hall***

**Tea & Trade Exhibition**

**1700 - 1830**
***Auditorium***

**Plenary I – Research into Practice**
Session Co-ordinators: Mr Toby Richards, UCL London, Dr Kate Pendry, NHSBT Manchester
Chair: Dr Shubha Allard, NHSBT Colindale

**Intended Audience:**
A broad spectrum of delegates will find this presentation highly informative and of general interest.

**Optimising donor health and the blood supply: update on the Interval Study**
*Prof David Roberts, John Radcliffe Hospital, Oxford*

**Safer than blood: tranexamic acid for acute severe bleeding**
*Prof Ian Roberts, London School of Hygiene and Tropical Medicine*

**Western Australian Patient Blood Management Programme – heading in the right direction!**
*Dr Simon Towler, Fiona Stanley Hospital, Murdoch, Western Australia*

**1830 - 2030**
***Exhibition Hall***

**Trade Reception**

## THURSDAY 25TH SEPTEMBER

**0730 - 1630**
**Registration**

**0800 - 0900**
***Queens Suite 3***

**Education Session 1 – SHOT** **INTERACTIVE**
Chair & Session Coordinator: Dr Paula Bolton-Maggs, NHSBT, Manchester

**Intended Audience:**
Biomedical Scientists, Transfusion Practitioners, Haematologists & others interested in transfusion process.

# THURSDAY 25TH SEPTEMBER

**Fifty ways to fail the patient: why we transfuse the wrong blood and what happens when we do.**
*Dr Hazel Tinegate, NHSBT Newcastle-upon-Tyne*

**0800 - 0900**
***Queens Suite 2***

**Education Session 2**
Chair & Session co-ordinator: Mr Pete Rogan, NHSBT Manchester

**Intended Audience:**
Biomedical Scientists, Specialist Practitioners of Transfusion and others interested in the donation process.

**Testing of donated blood and other products**
*Mr Peter Rogan, NHSBT Manchester*

**Follow up of donors found to be microbiology positive**
*Mrs Jo Tossell, NHSBT Birmingham*

**0900 - 1030**
***Queens Suite 3***

**Serology Case Studies** **INTERACTIVE**
Session Co-ordinator: Dr Mark Williams, NHSBT Leeds

**Intended Audience:**
Biomedical scientist and clinicians interested in serological problems, their resolution, and providing safe transfusion therapy and advice based on the findings of investigations.

*Case 1 Mrs Nicole Thornton IBGRL Bristol*
*Case 2 Mr Martin Maley RCI NHSBT Newcastle*

**0900 - 1030**
***Queens Suite 4***

**Blood Donation**
Title: Impact of change on donor services
Session Co-ordinator & Chair: Dr Moira Carter, SNBTS Edinburgh

**Intended Audience:**
Donor Services and collection staff, Donor Care Doctors and Quality Managers.
Also communication staff may find the social media section of interest.

# THURSDAY 25TH SEPTEMBER

**Analysis of outcomes to anticipated regulation**
*Dr Merlyn Sayers, Carter Bloodcare, Texas, USA*

**What do we know about UK blood donors? Going in search of the bigger picture**
*Ms Katy Davison, NHSBT, PHE London*

**A year in social media**
*Ms Jennifer Wilson, Mrs Gillian Morrison, SNBTS Edinburgh*

**0900 - 1030**
***Queens Suite 1***

**New technologies for increasing blood safety margins**
Session Co-ordinator & Chair: Dr Juraj Petrik, SNBTS Edinburgh

**Intended Audience:**
Anyone interested in new approaches to improvements in blood safety.

**Next generation sequencing (NGS) for immunogenetics**
*Dr Christian Gabriel, Linz, Austria*

**NGS to better characterise viral infections: Hepatitis as an example.**
*Dr Rodriguez-Frias, Hospital Universitario Vall Hebron, Barcelona, Spain*

**MALDI-TOF in Transplantation and Transfusion Medicine**
*Ms Jenny Allen, NHSBT Colindale*

**0900 - 1030**
***Queens Suite 2***

**Clinical Case Studies** **INTERACTIVE**
Session Co-ordinator & Chair: Dr Fiona Regan, NHSBT Colindale

**Intended Audience:**
Biomedical scientist and clinicians: Transfusion Practitioners and doctors in Haematology or other medical specialties.

**To be 'e' or not to be 'e'? That is the question.**
*Dr Shubha Allard, NHSBT Colindale*

**"It is a small world."**
*Dr Akila Chandrasekar, NHSBT Liverpool*

# THURSDAY 25TH SEPTEMBER

**"Special requirements for special patients – whose responsibility is it?"**
*Dr Megan Rowley, NHSBT Colindale*

**"Mission Impossible with anti-Vel"**
*Dr Stephanie Stone, Sheffield Teaching Hospitals*

**"Bucking the trend: Red cell demand in myelofibrosis."**
*Dr Edwin Massey, NHSBT Bristol*

**1030 - 1100** **Coffee and Trade Exhibition**

**1100 - 1215**
***Auditorium***

**Plenary II**
**James Blundell and Race & Sanger Awards**
Chair: Mr Martin Bruce, OBE

**Intended Audience:**
A broad spectrum of delegates will find this presentation highly informative and of general interest.

**The discovery and significance of selected blood groups**
*Dr Marion Reid (Rtd), New York Blood Center, USA*

**Cation permeability of the red cell membrane in health and disease**
*Dr Joanna Flatt, IBGRL Bristol*

**1230 - 1300**
***Auditorium*** **BBTS AGM - Members Only**

**1215 - 1345** **Lunch & Trade Exhibition**

**1345 - 1515**
***Queens Suite 2***

**Orals 1 – Patient blood management & transfusion alternatives short paper oral communications**
Session Co-ordinator & Chairs:
Mr Toby Richards, UCL London & Dr Balsam Altemimi, Aintree University Hospital, Horwich

# THURSDAY 25TH SEPTEMBER

**Intended Audience:**
A broad spectrum of delegates will find this session highly informative and of general interest.

**A patient blood management (PBM) service at Royal Cornwall Hospitals Trust (RCHT) reduces transfusion rates for combined revision total hip replacement.**
*Dr Anna Ratcliffe, Royal Cornwall Hospitals Trust*

**Predicting blood loss in caesarean section: Anticipating the need for intraoperative cell salvage**
*Dr Ijeoma Okonkwo, University Hospital of South Manchester*

**Significant improvement in the management of major obstetric haemorrhage with a Rotem guided algorithm using fibrinogen concentrate**
*Dr Shubha Mallaiha, Royal Liverpool Women's NHS Foundation Trust*

**The development of an online instructional video to aid skills teaching of intra operative cell salvage set-up.**
*Ms Shona Baxter, NHS Tayside*

**Targeting the 'agents of change' to influence optimum patient blood management**
*Mrs Gilda Bass, Pathology, West Suffolk Hospital*

**A national survey of red cell use in England and North Wales: Use of the data to promote patient blood management initiatives**
*Dr Hazel Tinegate, NHSBT Newcastle Upon Tyne*

**1345 - 1515**
***Queens Suite 4***

**Nursing Symposium**
The Power of change
Session Co-ordinator & Chair: Mrs Diane Sydney, SNBTS Edinburgh

**Intended Audience:**
Nurses, Transfusion Practitioners, Biomedical Scientists.

**Supporting Change; NHSBT Blood Donation Leadership and Induction Programme for Managers**
*Christine Elding, NHSBT Birmingham*

# THURSDAY 25TH SEPTEMBER

**'Tales of the (not so) unexpected': staff change stories**
*Mrs Karen Shreeve, Better Blood Transfusion Team, Welsh Blood Service*

**Emotional aspects of change**
*Mrs Mairi Gaffney, Head of Healthy Working Lives, Edinburgh*

**1345 - 1515**
***Queens Suite 3***

**Quality Assurance for Laboratories** **INTERACTIVE**
Session Co-ordinator/Chair: Ms Julie Staves, John Radcliffe Hospital

**Intended Audience:**
Biomedical scientists and clinicians interested in laboratory issues, their resolution, and providing safe transfusion practice.

**Overview of ISO 15189 Standards**
*Mrs Dawn Smith, Southampton University Hospitals NHS Trust*

**Personal experience of an ISO 15189 Inspection!**
*Ms Kerry Dowling, Southampton University Hospitals NHS Trust*

**Root Cause Analysis . . . pain or pleasure?**
*Mrs Joan Jones, Welsh Blood Service*

**1345 - 1515**
***Queens Suite 1***

**Educational Skills Masterclass** **INTERACTIVE**
Session Co-ordinator & Chair: Mr Andy Miller, NHSBT Colindale

**Intended Audience:**
Those who deliver training in the workplace and supervise others.

**Overview:**
A session exploring the nature of knowledge and learning to create a more effective and enjoyable learning environment. We will look at what constitutes effective feedback for learners and how the writing of SMART learning objectives can streamline the training process.

# THURSDAY 25TH SEPTEMBER

**1515 - 1615**
***Exhibition Hall***

**Official Poster Viewing & Judging, Tea and Trade Exhibition**

**1615 - 1630**

**Official Poster Awards Ceremony**

**1630 - 1800**
***Auditorium***

**Plenary III**
**Kenneth Goldsmith Award**
Chair: Mr Martin Bruce OBE

**Intended Audience:**
A broad spectrum of delegates will find this presentation highly informative and of general interest.

**'Playing with fire'**
*Dr Jonathan Wallis, Freeman Hospital, Newcastle*

**BBTS 'Question Time' discuss and debate topical transfusion issues!**
Moderator: Prof Mike Murphy, John Radcliffe Hospital, Oxford
Session Co-ordinator: Brian Robertson, London RTC

**Intended Audience:**
A broad spectrum of delegates will find this presentation highly informative and of general interest.

**Panel**
*Mr Martin Bruce (Rtd)OBE, SNBTS, Mrs Joan Jones, WBS, Ms Shirley Murray,*
*NI Haemovigilance Service, Dr Edwin Massey, NHSBT Bristol*
*Mr Adrian Copplestone, Plymouth Hospitals NHS FT, Mr Terry Haines (Rtd), Leeds Teaching Hospital*

**1915 - 1945**

**President's Reception prior to the Gala Dinner – Majestic Hotel**

**1945 - 0000**

**Gala Dinner**

## FRIDAY 26TH SEPTEMBER

**0800**
**Registration**

**0900 - 1030**
***Queens Suite 2***

**Healthcare Scientist career progression in the wake of Modernising Scientific Careers**
Session coordinator & Chair: Ms Robina Qureshi, NHSBT Liverpool

**Intended Audience:**
Scientists practising at any level.

**BBTS Specialist Certificate – Update on changes**
*Mr Martin Bruce OBE*

**Over view of the Academy's work and accreditation of the BBTS Specialist Certificate in Transfusion Science**
*Dr Phil Padfield, Director of the Manchester Academy for Healthcare Scientist Education*

**I want to be a Clinical Scientist!**
*Prof Marion Scott, NHSBT Filton*

**I want to be a Biomedical Scientist!**
*Mr Andy Miller, NHSBT Colindale*

**Modernised Scientific Careers? Who's paying for all this?**
*Mr Dan Smith, John Radcliffe Hospital, Oxford*

**0900 - 1030**
***Queens Suite 4***

**Orals 2 – Non clinical short paper oral communications**
Chairs: Mrs Jenny White, West Hertfordshire Hospital  Ms Claire Wiggins, NHSBT, Southampton

**Intended Audience:**
A broad spectrum of delegates will find this session highly informative and of general interest.

**Generation of a novel ENU-induced murine pedigree lacking erythroid lineage marker TER119/Ly76.**
*Ms Katrina Kildey, Australian Red Cross Blood Service*

# FRIDAY 26TH SEPTEMBER

**0900 - 1030**
***Queens Suite 1***

**Use of human induced pluripotent stem cells for novel diagnostics in transfusion medicine**
*Prof David Roberts, NHSBT Oxford*

**The impact of maternal, neonatal and collections factors on the TNC count of an umbilical cord blood donation**
*Mrs Lisa McKenna, NHSBT Colindale*

**A study of the reversibility of cation imbalance and microvesicle production in stored red cells**
*Mr Waleed Bawazir, NHSBT Bristol*

**Evaluation and introduction of non-invasive haemoglobin testing for blood donor screening**
*Ms Yvonne Murray, IBTS Dublin*

**The Interval Study: Preliminary analysis of haematological profiles**
*Dr David Allen, NHSBT Oxford*

**Orals 3 – Clinical/audit/service improvement and quality management short paper oral communications**
Chair: Dr Janet Birchall, NHSBT Filton Mrs Rebecca Gerrard, NHSBT Liverpool

**Intended Audience:**
Anyone with an interest in the clinical management of transfusion.

**Simulation training in adult, obstetric and paediatric major haemorrhage protocols**
*Dr Neil Gallacher, Oxford University*

**2013 National Comparative Audit of Anti-D Ig Prophylaxis**
*Dr Megan Rowley, NHSBT Colindale*

**#Transfusion @London_RTC – The London RTC and the use of Twitter**
*Ms Jennifer Heyes, NHSBT London*

**An exploratory research study into the effects of staff feelings and perceptions following a transfusion incident investigation**
*Mrs Diane Sydney, SNBTS Edinburgh*

# FRIDAY 26TH SEPTEMBER

**Free lessons from near miss transfusion errors**
*Ms Alison Watt, SHOT Manchester*

**Wrong Blood in Tube – Where does the process go wrong?**
*Dr Samah Alimam, Central Manchester Foundation Trust*

**0900 - 1030**
***Queens Suite 3***

**Clinical Serology Workshop**
**Trouble in Transfer, Trauma & Transplantation** **INTERACTIVE**
Session coordinator & Chair: Mr Brian Robertson, London RTC

**Intended Audience:**
This session is intended for all members and guests of the BBTS annual conference who are interested in the clinical and serological complexities of providing component support where there are complications and problems of a patient's sample results.
The session will confirm there is a need for a cohesive team approach to patient care.

**The trouble with trauma**
*Mr Paul Grist, Royal London Hospital*

**Patient transfer**
*Ms Penny Eyton-Jones, Great Ormond Street NHS Foundation Trust*

**Patients with a history of transplantation**
*Ms Tracey Tomlinson, Hammersmith Hospital, London*

**1030 - 1100**
**Coffee & Trade Exhibition**

**1100 - 1230**
***Auditorium***

**Plenary IV**
**In collaboration with NATA**
**Diagnosis and treatment of coagulopathies in the bleeding patient: We want it quick and we need it now!** **INTERACTIVE**
Session Co-ordinator & Chair: Dr Dafydd Thomas, Morriston Hospital, Swansea

# FRIDAY 26TH SEPTEMBER

**Intended Audience:**
Patient Blood Management Practitioners, Transfusion Practitioners, Anaesthetists, Surgeons and Haematologists.

**Diagnosis and treatment of coagulopathies in the bleeding patient, and evidence on effectiveness of component therapy**
*Dr Simon Stanworth, NHSBT, Oxford*

**Bloody perioperative case scenarios: Vote for personalised care**
*Prof Sibylle Kozek, Evangelic Hospital, Vienna, Austria*

**Diagnosis & treatment of coagulopathies in the bleeding patient: We want it quick and we want it now – the Copenhagen Concept!**
*Dr Jakob Stensballe, Copenhagen University Hospital, Denmark*

**1230 - 1330** **Lunch & Trade Exhibition**

**1330 - 1500**
***Queens Suite 2***

**Orals 4 – Clinical Transfusion short paper oral communications**
Chairs: Dr Jane Keidan (Rtd), Queen Elizabeth Hospital, Kings Lynn
Dr Fiona Regan, NHSBT, Colindale

**Intended Audience:**
Anyone with an interest in the clinical management of transfusion.

**The impact of providing blood to the scene of an accident on transfusion laboratory practice**
*Dr Sonia Wolf, Barts Health NHS Trust*

**Breaking the cycle – multiple errors resulting in transfusion of incorrect blood components**
*Mrs Julie Ball, SHOT Manchester*

**Interpretation of weak D in young female patients – are UK transfusion laboratories making correct decisions? Evidence from a UK NEQAS (BTLP) exercise**
*Mrs Clare Milkins, West Herts Hospitals, NHS Trust*

**1330 - 1500**
***Queens Suite 1***

**Transfusion management and haemostatic changes in major obstetric haemorrhage in the UK**
*Dr Laura Green, NHSBT and Barts Health NHS Trust*

**Transfusion management of passenger lymphocyte syndrome, post liver transplantation at Leeds Teaching Hospitals**
*Mrs Rachel Allan, Leeds Teaching Hospitals NHS Trust*

**Orals 5 – Margaret Kenwright Young Scientist / Red Cell Immunology & Genotyping short paper oral communications**
Chairs: Dr Geoff Daniels, NHSBT Bristol, Mrs Jenny White, West Hertfordshire Hospital

**Intended Audience:**
Scientists practising at any level.

**A rare cD-/(C)D- phenotype in an individual and production of anti-Rh17-like**
*Ms Abigail McNeill, IBGRL, NHSBT Bristol*

**Human Erythrocyte Antigens and Human Platelet Antigens Panel: A Genotyping Protocol Based on Next-generation Sequencing**
*Mr Amr J Halawani, Plymouth University Peninsula Schools of Medicine and Dentistry*

**A novel molecular background and a family study of a Gy(a-) individual with anti-Gya**
*Dr Vanja Karamatic Crew, BITS/IBGRL Bristol*

**An individual with the R2R0HAR phenotype was positive with three monoclonal anti-e and produced alloanti-e**
*Mr Shane Grimsley, IBGRL, NHSBT Bristol*

**Novel alleles at the Kell blood group locus that lead to Kell variant phenotype**
*Dr Barbera Veldhuisen, Sanquin Blood Supply, Holland*

**Homozygosity for a variant SEMA7A allele resulting in loss of a novel high frequency JMH antigen**
*Dr Louise Tilley, IBGRL, NHSBT Bristol*

# FRIDAY 26TH SEPTEMBER

**1330 - 1500**
***Queens Suite 3***

**Quality improvement Initiatives from around the UK**
Session Co-ordinator & Chair: Ms Rachel Moss, Imperial College Healthcare NHS Trust
Dr Mike Desmond, Liverpool Heart and Chest Hospital

**Intended Audience:**
All hospital based transfusion staff.

**Identification and treatment of transfusion reactions – a collaborative regional approach**
*Ms Frances Sear, East of England Regional Transfusion Committee*

**Pre-operative assessment**
*Mrs Andrea Harris, Midlands and South West Regional Transfusion Committee*

**Collaboration to develop a transferable blood component transfusion training standard**
*Ms Amanda Hobson, London Regional Transfusion Committee*

**Management of anaemia reduces red cell transfusion in Northern Ireland**
*Dr Susan Atkinson, Belfast Health and Social Care Trust, Northern Ireland*

**Audit of massive haemorrhage**
*Ms Anne Davidson, NHSBT Leeds, Ms Penelope Cook, Bradford Teaching Hospitals NHS FT*

**1330 - 1500**
***Queens Suite 4***

**Educating the Educators – Who and what teaches the teachers?**
Session Co-ordinator & Chair: Ms Claire Atterbury, Queen Elizabeth Hospital, Kings Lynn

**Intended Audience:**
Transfusion Practitioners.

**From Novice to Expert**
*Ms Claire Atterbury, Queen Elizabeth Hospital, Kings Lynn*

## FRIDAY 26TH SEPTEMBER

**1500**
***Upper Foyer, Queens Suite***

**Teaching the teacher to teach**
*Mr Ant Jackson, United Lincolnshire Hospitals NHS Trust*

**Leadership training**
*Mrs Pauline Stewart, Monklands Hospital, NHS Lanarkshire*

**Leading Audit and Research: Watch your follow through**
*Mrs Karen Shreeve, Welsh Blood Service*

**Formal TP Education**
*Mrs Susan Whitehead, Newcastle Upon Tyne Hospitals NHS FT*

**Close of Conference – Tea and cupcakes**

# SPEAKER PROFILES Information submitted by the individual

**Akila Chandrasekar**
Akila Chandrasekar is a Consultant in Transfusion Medicine at NHSBT Liverpool. She did her undergratuate training in India and postgraduate training in the UK. She is a fellow of Royal College of pathologists in the specialty of transfusion medicine.

**Aleksandar Mijovic**
Aleksandar Mijovic, MBBS, PhD, FRCPath, is Consultant Haematologist at King's College Hospital in London, and at the Tooting NHSBT centre. His main clinical and research interests are transfusion in specific clinical situations (haemopoietic cell transplantation, sickle cell disease, foetal medicine), red cell immunology, drug-induced blood disorders, and therapeutic apheresis.

**Amanda Hobson**
Mandy Hobson is a Transfusion Practitioner with a medical and Haematology nurse background. As a member of the London Regional Transfusion Team she works on various regional projects. Working with Skills for Health, Mandy was the lead for the Transfusion Training Passport project on which she is presenting at this year's conference.

**Andrew Klein**
Andrew Klein is an Anaesthetist at Papworth Hospital (Cambridge). His special interest is blood conservation, particularly preoperative anaemia and cell salvage. He has edited two books on Transplantation and Cardiothoracic ICU. He is an editor of the journal Anaesthesia, and is on the committee of the Association of Cardiothoracic Anaesthetists.

**Anita Hill**
Anita Hill is Consultant Haematologist for Leeds Teaching Hospitals. Additionally, she works within the nationally-commissioned PNH Service. Prior to this, Dr Hill worked as a Consultant Haematologist for Bradford Teaching Hospitals where she was Lead for clinical trials and research. She was awarded her PhD for exploring the role of complement and nitric oxide in the pathophysiology of PNH/other haemolytic anaemias.

**Anne Davidson**
Anne Davidson is a Patient Blood Management Practitioner with NHS Blood and Transplant covering the Yorkshire and The Humber Region. She took up her current position in June 2011; A nurse by background, her clinical experience is primarily within nephrology and critical care.

**Ant Jackson**
Ant Jackson is a Transfusion Practitioner, with a Biomedical Scientist background, working for United Lincolnshire Hospitals NHS Trust. He holds a BSc (Hons) in Biomedical Science, an MSc in Pathological Science and has just been awarded a PG Cert in Inter-Professional Practice Education. He also sits on the National Transfusion Practitioner Committee.

**Bill Chaffe**
Bill Chaffe is employed by UKNEQAS BTLP leading the development of a web based competency assessment scheme for transfusion laboratory staff. He has 44 years' experience of delivering transfusion services and currently chairs the UKTLC.

**Christian Gabriel**
Christian Gabriel is the medical director of the Red Cross Transfusion Center Upper Austria in Linz since 2001. His major interest is the development of next generation sequencing in immunology, the use of secretomes, cartilage and bone cells in regenerative medicine.

**Chris Cooper**
Chris Cooper has been a full professor at the University of Essex since 1999 and has published over 170 papers in the areas of oxygen transport and metabolism. He is currently funded by BBSRC and MRC to use synthetic biology tools to develop an artificial oxygen carrying blood substitute.