		Monday 16 September 2024 (Evening)
	20.00-20.30	**Bursary drinks reception at the Crowne Plaza Hotel, Glasgow**
	20.30-23.00	**Quiz and Networking at the Crowne Plaza Hotel, Glasgow**
		Tuesday 17 September 2024
	08.00-09.15	**Conference Registration**
	09.15-09:30	**Official Conference Opening and Welcome**
	09.30-11.00	**SIG 1: Red Cell SIG Part 1**
		Session Chairs: Lesley Bruce, Research Science Project Leader, Component Development Laboratory, NHSBT and Vanja Crew, Senior Research Scientist, IBGRL, NHSBT
		Topic: Biochemical and computational analysis of red cells
		Andrew D Beale , MRC Laboratory of Molecular Biology, Cambridge: Mechanisms and physiological function of circadian rhythms in red blood cells.
		William Dunn, Department of Haematology, University of Cambridge: Machine learning to predict the presence of high-risk clonal haematopoiesis from blood count data.
		Giuseppe Di Caprio, Department of Biomedical Engineering, University of Strathclyde, Glasgow: Innovative assay for high-throughput single-cell measurement of red blood cell oxygen affinity: from haemoglobin polymerization in sickle cell patients to characterizing blood substitute functionality.
		SIG 2: Paediatric SIG
		Session Chair: Anne Kelly, Consultant Paediatric Haematologist, Great Ormond Street Hospital and NHSBT
		Topic: Paediatric and Neonatal Transfusion from PBM to cord blood
		Dr Philip Arnold, Consultant Anaesthetist, Alder Hey, Liverpool: Point of care testing of coagulation and Patient Blood Management in children
		Dr Samiran Ray, Consultant in Paediatric Intensive Care, Great Ormond Street Hospital, London: Paediatric Transfusion Practices in PICU - a results from a prospective observational study
		Professor Luciana Teofili, Associate Professor, Transfusion Medicine Department,Fondazione Policlinico A. Gemelli IRCCS, Università Cattolica del Sacro Cuore: The 4 W's of cord blood transfusion in preterm neonates: Why, Who, What, and When
		SIG3: Cellular Therapies SIG
		Session Chair: Dr Jenny Easterbrook, Consultant Haematologist, Scottish National Blood Transfusion Service
		Gillian McGaffin, Stem Cell Laboratory Director, NHS Scotland: Challenges of running a bone marrow harvest service in 2024
		Rachel Wood, Project Manager, Quality Directorate, Scottish National Blood Transfusion Service: Replacing SNBTS's cell separator fleet - challenges of tendering and validation
	11.00-11.30	**Break**
	11.30-13.00	**SIG4: Red Cell SIG: Part 2**
		Session Chairs: Lesley Bruce, Research Science Project Leader, Component Development Laboratory, NHSBT and Vanja Crew, Vanja Crew, Senior Research Scientist, IBGRL, NHSBT
		Topic: Sickle cell disease
		Corrina McMahon, Children's Health Ireland at Crumlin, Haematology Oncology, Dublin: Sickle cell disease landscape and challenges in the EU: the ERN-EuroBloodNet perspective
		William Astle, NHS Blood and Transplant, Cambridge, UK and the MRC Biostatistics Unit, University of Cambridge: Genetic association studies of red cell phenotypes and implications for the treatment of sickle cell disease.
		Panicos Shangaris, Women and Children's Health, School of Life Course and Population Sciences, King's College London: Crack in the Creation: Prenatal Therapy for Congenital Blood Disorders
		SIG5: Patient Blood Management
		Session Chairs: Danny Gaskin, Patient Blood Management Practitioner NHSBT and Fateha Chowdhury, Consultant Haematologist in Transfusion Medicine, NHSBT
		Topic: Consent, Choice and Candour
		Dr Fateha Chowdhury, Consultant Haematologist in Transfusion Medicine, NHSBT Case Presentation: Looking back…. going forward
		Mark Tarrant, Presentations Coordinator, HLC South London: Why Choice is Important to Me: A Jehovah's Witness Perspective
		Anwen Davies, Patient Blood Management Practitioner, NHSBT: QS138 Quality Insights: Using data to improve practice
		SIG 6: MicroBiology SIG
		Session Chairs: Su Brailsford, Consultant in Epidemiology and Health Protection and Interim Clinical Director Microbiology and Public Health, NHSBT and Shannah Secret, Senior Scientist and Harvala Group Laboratory Manager, BTRU Gems (Genomics to Enhance Microbiology Screening)
		Prof. Peter Simmonds, Consultant of Microbiology, BTRU-GEMS, University of Oxford: Lessons learnt from the Past- blood born virus contaminination of clotting factor concentrates
		Claire Reynolds, Senior Scientist, NHS Blood and Transplant/UKHSA Epidemiology Unit: Syphilis and blood donors – does it matter?
		Ines Ushiro-Lumb, Consultant in Microbiology, NHS Blood and Transplant: Update on HHV-8
	13.00-14.00	**Lunch**
	13:00-13:45	**Werfen Sponsored Lunch Symposium**
	14.00-15.30	**SIG 7: Red Cell SIG Part 3**
		Session Chairs: Lesley Bruce, Research Science Project Leader, Component Development Laboratory, NHSBT and Vanya Crew, Vanja Crew, Senior Research Scientist, IBGRL, NHSBT
		Topic: New methods for identifying old antigens
		Annika Hult, Division of Hematology and Transfusion Medicine, Department of Laboratory Medicine, Lund University, Lund, Sweden. Elucidating the cause of LKE negativity and its relationship to FORS
		Louise Tilley: International Blood Group Reference Laboratory, NHSBT, Bristol: Revealing the underlying gene for the AnWj-negative blood group phenotype
		Tosti Mankelow, International Blood Group Reference Laboratory, NHSBT, Bristol: Unravelling the molecular basis of the newest CTL2 blood group antigens
		SIG 8: Blood Bank Technology
		Session Chair: Ben Holmes, Blood Transfusion LIMS Workstream Lead, NHS South Yorkshire and Bassetlaw Pathology Network
		Topic: Transfusion at the Cutting Edge
		Jennifer Davies,Transfusion Manager, Royal Devon University Healthcare, NHS Foundation Trust: Using Artificial Intelligence for Kleihauer Slide Interpretation
		Laura Eastwood, Consultant Clinical Scientist Trainee, NHS Blood and Transplant: VR Training
		Graham Scott, Lead BMS, Southern Health and Social Care Trust, Craigavon, N Ireland: SRP Treatment for Daratumumab Patients
		SIG 9: Components SIG
		Session Chair: Mike Wiltshire, Component Development Laboratory Manager and Head of Centre Cambridge
		Topic: Frozen and Dried blood components
		Dr Matt Ellington, Clinical Research Fellow in Haematology, Component Development Laboratory, NHS Blood and Transplant: UK Military - Use of Blood Products including Emergency Donor panels
		Katarzyna Oleniacz, Component Development Scientist, Component Development Laboratory, NHS Blood and Transplant and and Melanie Munroe, Translational Research Programme Lead,Component Development Laboratory, NHS Blood and Transplant: Spray dried Plasma
		Shane Grimsley, DipRCPath, FBBTS, Senior Clinical Scientist (HSST), IBGRL, NHS Blood and Transplant: The importance, use and specification of frozen red cells
	15.30-16.00	**Break**
		Plenary One
		Plenary Chairs - Fateha Chowdhury, Consultant Haematologist in Transfusion Medicine, NHSBT and Heidi Doughty, Retired Consultant, NHSBT
		Su Brailsford, Consultant in Epidemiology and Health Protection, NHSBT: Blood Service aspects of the IBI
		Mike Murphy, Transfusion Consultant, NHS Blood and Transplant, Oxford University Hospitals: The Infected Blood Enquiry: Recommendations for Improving Hospital Transfusion Practice.
		Marc Turner, Director, Scottish National Blood Transfusion Service: The Scottish Experience
	17:30-20:00	**Official Exhibition Opening and Light Supper (included in your registration fee)**

		Wednesday 18 September 2024
	08.00-08.45	**Conference Registration**
	09:00-10.30	**SS1: Margaret Kenwright Awards**
		Session Chairs: Denise McKeown, Regional Haemovigilance Co-ordinator, Belfast Trust and Dr Jamie Nash, PhD, Post Doctoral Researcher, Component Development and Research Laboratory,
		Carla Dawson, Transfusion Practitioner for NHS Grampian, Scottish National Blood Transfusion Service: The Scottish National Blood Transfusion Service (SNBTS) Clinical Transfusion Dashboard:
		Dr Matthew Poynton, NHS Education Fellow,The Pathology Portal: Developing a novel, interactive education resource for Transfusion Science and Transfusion Medicine
		Thomas Bailey-Schmidt, Res M student, Welsh Blood Service: Novel cryoprotective agents for long-term storage of red cells: results and considerations for future work.
		Helen Morgan, Healthcare Scientist, NHSBT Bristol: Two examples of Rhnull phenotypes of the regulator type, caused by novel RHAG mutations
		Abigail Borowski, Advanced Specialist Biomedical Scientist, NHSBT Bristol: A second example of Anti-GIL in a patient with a homozygous missense mutation in AQP3, resulting in the rare GIL-
		SS2: Serious Hazards of Transfusion
		Session Chair: Vera Rose, SHOT Incident Specialist, NHSBT
		Topic: Improving Transfusion Safety
		Victoria Tuckley, SHOT Incident Specialist, NHSBT: Learning from Laboratory errors
		Nicola Swarbrick, SHOT Laboratory Incident Specialist, NHSBT: Safer transfusions for patients with shared care
		April Malloy, Transfusion Haemovigilance Specialist, SNBTS Transfusion Team, NHS and Simon Carter-Graham, SHOT Clinical Incident Specialist, NHSBT: Implementation of actions following the TACO Alert
		Dr Shruthi Narayan, Medical Director, SHOT and Consultant Donor Medicine, NHSBT, Dipika Shah, Senior EQA Scientist /Patient Representative, NHS, Stuart Lord, Lead Transfusion Practitioner, Gloucestershire Hospitals NHS Foundation Trust: Engaging with patients
		SS3: Serological Case Studies
		Session Chair: Laura Eastwood, Consultant Clinical Scientist Trainee, RCI Barnsley, NHS Blood and Transplant
		Topic: What's Plan B? – Planning for Emergencies in Complex Serology Cases
		Nicci Wilkes, Consultant Clinical Scientist Trainee (HSST), RCI Birmingham and Prabjot Seniaray, Senior BMS, Heartlands Hospital, Birmingham: Rh Null With Evolving Serology
		Nicola Kirkham, Senior BMS, Royal Derby Hospital and Dianne Armstrong, Reference Laboratory Manager, RCI Barnsley. Case Study: Putting Plan B into Practice
		Nicole Thornton, Head of Red Cell Reference, IBGRL Case Study, Case of a rare blood group: when group O isn't suitable for an emergency
		SS4: IT
		Session Chairs: Julie Staves, Transfusion Laboratory Manager, Oxford University Hospitals NHS Foundation Trust and Rachel Moss, Senior Transfusion Practitioner, Great Ormond Street Hospital for Children NHS Foundation Trust
		Topic: Getting the Most out of your IT
		Julie Staves, Transfusion Laboratory Manager, Oxford University Hospitals NHS Foundation Trust : Use of Order Comms in Blood Transfusion Laboratories
		James Davies, Senior Transfusion Practioner, Kings College Hospital NHS Foundation Trust , Making the most of your IT: Electronic Blood Tracking Systems
		Jennifer Davies, Transfusion Laboratory Manager, Royal Devon University Healthcare NHS Foundation Trust: Making the most of your IT system: LIMS
	10.30-11.00	**Break**
	11.00-12.30	**Plenary Two and BBTS Award Lectures**
		Race and Sanger Award Lecture – Dr. Christian Jannete Stevens Hernandez, Research Assistant, NHSBT: Red Blood Cell Development and Storage
		Kenneth Goldsmith Award Lecture – Laura Green, Consultant in Haemostasis and Transfusion Medicine, NHSBT and Barts Health NHS Trust : Bleeding, Blood and Data: Learn from Every Transfusion
		James Blundell Award Lecture – Professor Dennis Lo, Medical Director, Department of Chemical Pathology, The Chinese University of Hong Kong: Creating Paradigm Shifts in Diagnostics Using Plasma DNA
	12.30-13.00	**BBTS AGM - BBTS members only**
	13.00-14.00	**Lunch**
Simultaneous Sessions	**14.00-15.30**	**SS5: Clinical Case Studies**
		Session Chairs: Katie Hands, Consultant Haematologist, Associate Medical Director, Scottish National Blood Transfusion Service
		Topic: Interesting cases
		Helen New, Consultant Paediatric Haematology, NHSBT and Rebecca Braund, Lead Specialist Dried Plasma, Component Development Laboratory, NHSBT: Management of 'anaphylactic' reactions to red cell transfusions in a severely anaemic patient.
		Asha Aggarwal , Research Fellow, NHSBT: Providing rare blood for major surgery- a cautionary tale.
		Katherine Philpott, Blood Transfusion Laboratory Manager, Cambridge University Hospitals NHS Trust: Management of a complicated antenatal case with complex antibodies
		Sara Wright, Consultant Clinical Scientist, NHS: Guarding against Auto Immune Haemolytic Anaemia – Rh typing strategies in Bone Marrow transplant
		SS6: Equality, Diversity and Inclusion Session
		Session Chairs: Dr.Erhabor Osaro, BBTS EDI Committee Chair and Ian Sullivan, Blood Transfusion Laboratory Manager, Royal Cornwall Hospitals NHS Trust
		Topic: Transfusing the Transgender patient
		Alex Liveridge, Senior Lecturer, Biomedical Science/School of Health, Leeds Beckett University. Title tbc
		Samantha Bonney, Lead Transfusion Practitioner, NHS Mersey and West Lancashire Teaching Hospitals NHS Trust: Transgender and gender diverse patients in hospital: Barriers preventing safe and inclusive care
		Alice Walsingham, Clinical Scientist, NHSBT, Barnsley: The Transgender Patient Experience
		SS7:Transfusion Transformation
		Topic: From Transfusion 2024 to Transfusion Transformation
		Session Chair: Louise Sherliker, Programme Director Transfusion 2024, NHSBT and Anna Mamwell, Patient and Public Involvement .
		Shubha Allard, Consultant Haematologist ,NHSBT: Transfusion Transformation why now?
		Lise Estcourt, Medical Director for Transfusion, NHSBT: Appropriate blood use- ensuring there is blood available for those that need it.
		Jane Mills, Deputy Director, Pathology NHS England: Digital Integration in transfusion
		Tom Bullock, Interim Chief Scientific Officer, NHSBT and Kerry Dowling Transfusion Laboratory Manager and UKTLC chair: Prioritising the transfusion workforce.
		SS8: British Society for Haematology/British Blood Transfusion Society Collaboration Session
		Session Chairs: Simon Stanworth, Professor of Haematology and Transfusion Medicine, University of Oxford, NHSBT and Sue Pavord, Haematology Consultant, Oxford University Hospitals NHS Foundation Trust
		Topic: Where Haematology meets Transfusion
		Dr Sue Pavord, Haematology Consultant, Oxford University Hospitals NHS Foundation Trust : VITT and VITT-like syndromes, where are we in 2024?
		John Brewin, Haematology Consultant, Kings College Hospital NHS Foundation Trust: Red Cell Transfusion in Sickle cell disease: indications and pitfalls
		Dr Mike Desborough, Haematology Consultant, Oxford University Hospitals NHS Foundation Trust: Fetal and neonatal alloimmune thrombocytopenia (FNAIT)
	15.30-16.00	**Break**
	16.00-16:45	**Networking and Poster Viewing**
	16.45-17.15	**Poster Prize Giving**
	19.00-Midnight	**Conference Dinner, Crowne Plaza Hotel, Glasgow**
		Thursday 19 September 2024
	08.45-09.30	**Conference Registration**
Simultaneous Sessions	**09:30-11.00**	**SS9: Transfusion Practitioner**
		Session Chairs: Dr Karen Mead, Specialist Practitioner of Transfusion, Severn Pathology, North Bristol NHS Trust and Pedro Valle Vallines, Lead Transfusion Practitioner, Royal Cornwall Hospitals NHS Trust.
		Topic: Developments and Resources for Transfusion Practitioner Enrichment
		John Grant-Casey, Programme Manager, NHSBT: Lets get it right! A novel approach to improving bedside transfusion practices
		Jennifer Rock, T2024 Transfusion Education Specialist, NHSBT and Katarina Kacinova, Transfusion Practitioner, University Hospital of Derby and Burton NHSFT: Transfusion Practitioner Professional Development Framework- how will it benefit Transfusion Practitioners today and in the future?
		Anne Davidson, Education Lead, Patient Blood Management Team, NHSBT - Educational resources: What's new and coming soon!
		SS10: Hospital Laboratory
		Session Chair: Tim Wreford-Bush and Graham Scott
		Topic: Recruiting Laboratory Staff
		Ian Davies, Lecturer, University of Stafford: From Intent to Impact: The role of degree apprenticeships in shopping the Biomedical Scientific workforce in the future
		Shane Fearon, Specialist Bio Medical Scientist, Southern Health and Social Care Trust, Northern Ireland: Regional Recruitment in Northern Ireland
		Adaora Ifediata, STP, Trainee Clinical Scientist,North Bristol NHS Trust - Recruiting Overseas
		SS11: Donar/Donations
		Chairs: Dr Champa Manchanayake, Consultant in Transfusion Medicine, SNBTS and Dr Chiara Vendramin, Consultant in Transfusion Medicine, NHSBT
		Topic: From Whole Blood to Plasma Donations: Why donating is essential.
		Dr Theodora Foukaneli, Consultant Haematologist, Cambridge University Hospitals and NHSBT and Dr Chiara Vendramin, Consultant in Transfusion Medicine, NHSBT: Complex transfusion requirements for a patient with a very rare blood phenotype.
		Dr Angus Wells, Consultant in Donor Medicine, NHSBT: Donor Selection and Blood Safety.
		Dr Charlotte Washington, Consultant in Donor Medicine, NHSBT: Plasma for medicine: the story of the UK journey
		SS12: Research
		Session Chair: Nicole Thornton, Head of Red Cell Reference
		Topic: The Significance of Blood Groups
		Stefan Meyer, BTS Zurich, Swiss Red Cross: Long Read Nanopore sequencing in genetics
		Tim Satchwell, UWE Bristol :Making sense of genetic data - let's get back to the protein

		Shane Grimsley, IBGRL, NHSBT: Blood group discovery - what it means for the patient
	11.00-11.30	**Break**
		Plenary Three
		Plenary Chairs: Prof. Dave Roberts, Medical Director for Pathology, NHS Blood and Transplant and Julie Staves, Transfusion Laboratory Manager, Oxford University Hospitals NHS Foundation Trust
		Simon Stanworth, Consultant, NHSBT: Guidelines -The Why and How
		Edwin Massey, Velindre University NHS Trust & Cwm Taf Morgannwg University Health Board: How to address something not in a guideline
		Amy Grove, University of Warwick :Barriers to the Implementation of Guidelines
	13.00-13.15	**Closing remarks**
	13.15-13.45	**Lunch**
	13.45	**Close of Conference and Departure**