FINAL PROGRAMME
Joint
British Society for Haemostasis & Thrombosis,
UK Platelet Group &
United Kingdom Haemophilia Centre Doctors Organisation

Annual Scientific and general meeting
The Royal College of Surgeons of Edinburgh
Tuesday 7th to-Thursday 9th October 2014
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Tuesday 7th October

09:00   Registration opens
9:30 – 15:30 UKHCDO AGM
12:30-13:30 Lunch
13:30-15:00 Session 1: Chairpersons Nicola Mutch & Cedric Duval

13:30-13:45 O1 THROMBIN REGULATES PROTOFIBRIL PACKING WITHIN FIBRIN FIBRES LEADING TO CHANGES IN CLOT STIFFNESS Marco M. Domingues *,‡, Cédric Duval *, Helen McPherson *, Simon Connell ‡, Helen Philippou and Robert Ariëns *. * Theme Thrombosis, Division of Cardiovascular and Diabetes Research, Faculty of Medicine and Health, University of Leeds, Leeds, UK. ‡ Molecular and Nanoscale Physics group, School of Physics and Astronomy, University of Leeds, Leeds, UK

13:45-14:00 O2 EFFECTS OF FXIII-A V34L ON FIBRIN CLOT FORMATION IN-VIVO Cedric., Ali M., Chaudhry W., Ridger V.C., Philippou H., Ariëns R.A.S. Theme Thrombosis; Division of Cardiovascular and Diabetes Research; Leeds Institute of Genetics, Health and Therapeutics; University of Leeds; UK

14:00-14:15 O3 POLYPHOSPHATE DELAYS FIBRIN POLYMERISATION AND ALTERS THE MECHANICAL PROPERTIES OF THE FIBRIN NETWORK Whyte CS1, Chernysh IN2, Connell S3, Weisel JW2, Ariens RAS4, Mutch NJ1 1 Institute of Medical Sciences, University of Aberdeen, Aberdeen, UK. 2 Department of Cell & Developmental Biology, University of Pennsylvania, USA. 3 Molecular and Nanoscale Physics Group, School of Physics and Astronomy, University of Leeds, UK. 4 Division of Cardiovascular & Diabetes Research, Faculty of Medicine & Health, University of Leeds, UK

14:15-14:30 O4 DYSREGULATED ANTICOAGULATION IN THE SKIN OF BURULI ULCER PATIENTS DUE TO MYCOLACTONE-DEPENDENT LOSS OF ENDOTHELIAL THROMBOMODULIN. Joy Ogbechi1, Marie-Thérèse Ruf2,3, Belinda Hall1, Kikki Bodman-Smith1, Charles T. Esmon4, Josefin Ahnström5, Gerd Pluschke2,3, and Rachel Simmonds1.1 Department of Microbial and Cellular Sciences, School of Biosciences and Medicine, Faculty of Health and Medical Sciences, University of Surrey, UK; 2 Swiss Tropical and Public Health Institute, Basel, Switzerland; 3 University of Basel, Basel, Switzerland; 4 Coagulation Biology Laboratory, Oklahoma Medical Research Foundation, Oklahoma City, OK; 6 Centre for Haematology, Faculty of Medicine, Imperial College London, UK

14:30-14:45 O5 AMINO ACID RESIDUES IN THE FIRST LAMININ G DOMAIN OF PROTEIN S INVOLVED IN TFPI INTERACTION Sofia Somajo,1 Josefin
Ahnström, Juan Fernandez-Recio, Bruno O. Villoutreix, and Björn Dahlbäck

1Department of Laboratory Medicine, Division of Clinical Chemistry, Lund University, Skåne University Hospital, Malmö, Sweden, 2Centre for Haematology, Faculty of Medicine, Imperial College London, Hammersmith Hospital Campus, United Kingdom, 3Protein Interactions and Docking Life Sciences Department, Barcelona Supercomputing Centre, ES-08034 Barcelona, Spain, 4Inserm Unit U973, Therapeutic molecules in silico (MTi), Lamarck Building, 35 rue Helene Brion, FR-75013 Paris, France.

14:45-15:00 O6 HISTONE-INDUCED ACUTE LUNG INJURY AND COAGULATION ACTIVATION ARE REDUCED BY C-REACTIVE PROTEIN IN THE ACUTE PHASE RESPONSE

Simon Timothy Abrams1, Nan Zhang2, Guozheng Wang1 and Cheng-Hock Toh1 1Institute of Infection and Global Health, University of Liverpool, Liverpool, United Kingdom. 2The Medical School, Southeast University, Nanjing, China.

15:00-15:30 Coffee/Tea

15:30-17:30 Session 2 Chairpersons Anne Goodeve & Jim Crawley

15:30-16.10 Bjorn Dahlback: Factor V & Texas bleeding disorder
16.10-16.50 Peter Lenting: von Willebrand factor
16.50-17.30 Jonas Emsley: Structural aspects of contact activation

17.30-1800 BSHT Annual General Meeting (members only)
17.30-19:00 Poster viewing Drinks reception 18.00-19.00
Wednesday 8th October

9.00- 1100  Session 3: Bleeding disorders  
Chairpersons: Mike Makris & Gerry Dolan

9:00-9:30  Gillian Lowe: Using old and new tools for the diagnosis of inherited platelet disorders

9:30-10:00  Carolyn Millar: Is the classification of von Willebrand disease type important?

10:00-10:30  Dan Hart: The use of genotype and modelling to predict inhibitor development in patients with haemophilia A

10:30-11:00  Peter Collins: The diagnosis and management of inhibitors against coagulation factors other than factor VIII

11:00-11:30  Coffee/tea

9:00-11:00  Session 4. Parallel oral communications (Platelets)  
Chairpersons Steve Watson & Tom McKinnon

9:00-9:15  O7 GPVI-DIMER CLUSTERING: RELATIONSHIP TO GP IB, INTEGRIN A2B1, AND GPVI SIGNALING Stephanie M. Jung¹, Alice Y. Pollitt², Natalie S. Poulter², Dominique Bihan¹, Richard W. Farndale¹, Masaaki Moroi¹, and Steve P. Watson¹ ¹Department of Biochemistry, University of Cambridge, CB2 1QW, United Kingdom ²Centre for Cardiovascular Sciences, University of Birmingham, B15 2TT, United Kingdom

9:15-9:30  O8 IMPAIRED NUCLEAR LOCALISATION OF FLI1 AS A RESULT OF R337W AND Y343C SUBSTITUTIONS IN THE DNA-BINDING DOMAIN Vincenzo Leo¹, E Sabi¹, B Wagner², L Nicholson-Goul², SP Watson³, ME Daly¹ on behalf of the UK GAPP Study Group. ¹Department of Cardiovascular Science, University of Sheffield Medical School, University of Sheffield, UK; ²Electron Microscopy section, Histopathology department, Royal Hallamshire Hospital, Sheffield, UK; ³Centre for Cardiovascular Sciences, School of Clinical and Experimental Medicine, College of Medical and Dental Sciences, University of Birmingham, UK;

9:30-9:45  O9 AURANOFIN, A THIOREDOXIN REDUCTASE INHIBITOR, CAUSES PLATELET NECROSIS THROUGH REACTIVE OXYGEN SPECIES AND CALCIUM OVERLOAD Matthew T. Harper, University of Bristol. Bristol Platelet Group, School of Physiology and Pharmacology, University Walk, Bristol BS8 1TD

9:45-10:00  O10 PHOSPHATIDYLINOSITOL-3,4,5-TRISPHOSPHATE STIMULATES THROMBOXANE A2 FORMATION VIA CA2+ ELEVATION AND AKT PHOSPHORYLATION IN HUMAN PLATELETS Nick Kassouf¹, Archana Ambily¹, Stephanie Watson², Sheila Hassock¹, Harmeet S. Authi¹, Steve Watson² and ¹Kalwant S. Authi. ¹Cardiovascular Division, King’s...

10:15-10:30

O12 MATHEMATICAL MODELLING OF THE COAGULATION CASCADE: A DISCRIMINATOR FOR MYOCARDIAL INFARCTION Joanne L. Dunster1,2, Joy R. Wright3, Helen M. Byrne4,5, Alison H. Goodall6. 1Institute for Cardiovascular and Metabolic Research, School of Biological Sciences, University of Reading, 2Department of Mathematics and Statistics, University of Reading, 3Department of Cell Physiology and Pharmacology, University of Leicester. 4Oxford Centre for Collaborative Applied Mathematics, Mathematical Institute, University of Oxford. 5Computational Biology Group, University of Oxford. 6Department of Cardiovascular Sciences & NIHR Cardiovascular Biomedical Research Unit, University of Leicester.

10:30-10:45

O13 THE IMPORTANCE OF N-LINKED GLYCOSYLATION OF ANGIOPOIETIN 2 FOR THE PROTEIN’S EXPRESSION AND ACTIVITIES Yao Yu, Hasnain Asharia, Mike A Laffan and Tom A J Mckinnon. Centre for Haematology, Imperial College London, London UK.

10:45-11:00

O14 USE OF VASP ASSAYS TO ASSESS PLATELET RESPONSE TO P2Y12 ANTAGONISTS IN ACS PATIENTS – DETECTION OF INSUFFICIENT AND EXCESSIVE INHIBITORY EFFECT Natalia Dovlatova, Ashwin Radhakrishnan, Jackie Glenn, Ann White, Jane May, Stan Heptinstall and Susan C Fox. Thrombosis and Haemostasis Research Group, Division of Clinical Neurosciences, University of Nottingham, Queens Medical Centre, Nottingham, NG7 2UH, United Kingdom.

11:00-11:30

Coffee/tea
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<tr>
<th>Time</th>
<th>Session</th>
<th>Chairpersons</th>
<th>Speakers</th>
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<tr>
<td>11.30-13.10</td>
<td><strong>Session 5: Emerging UK fellows</strong></td>
<td>Robert Ariëns &amp; Mike Laffan</td>
<td>Mari Thomas: The role of antibodies in acquired TTP</td>
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<td>11:30-11:55</td>
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<td>Lucia Stefanini: Rap1 activation and signalling in platelets</td>
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<td>Isabelle Salles: From human to zebrafish and mice: defining the role</td>
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<td>12:20-12:45</td>
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<td>of novel genes involved in haemostasis and thrombosis – A BAMBI’s tale</td>
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<td>12:45-13:10</td>
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<td>Monica Arman: Platelets in blood stream infections</td>
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<td>13:10-14:00</td>
<td><strong>Lunch and poster viewing</strong></td>
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<td>14:00-15:30</td>
<td><strong>Session 6: Chairpersons David Keeling and Claire Whyte</strong></td>
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<td>14:00-14:15</td>
<td>O15 <strong>INTRAOPERATIVE CHANGES IN PLATELET AGGREGATION IN RELATION TO MODERATE HAEMORRHAGE DURING SURGERY</strong></td>
<td></td>
<td>Jonathan J. Hetherington, Isobel Ford, G Patrick Ashcroft, Jan O. Jansen. School of Medicine &amp; Dentistry, University of Aberdeen; Aberdeen Royal Infirmary and Woodend Hospital, NHS Grampian, Aberdeen</td>
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<td>14:15-14:30</td>
<td>O16 <strong>THE USE OF NEXT-GENERATION SEQUENCING TO SCREEN FOR DISORDERS OF COAGULATION USING A 24 GENE PANEL</strong></td>
<td></td>
<td>Patricia Bignell¹, N. Curry², J. Mason³, P. Wright¹, D. Keeling², P. Giangrande², S. Henderson¹, A. Schuh³¹ - Molecular Haematology Department, ² - Oxford Haemophilia and Thrombosis Centre, Oxford University Hospitals NHS Trust, and ³- BRC/NHS Oxford Molecular Diagnostics Centre, Oxford, UK</td>
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<td>14:30-14:45</td>
<td>O17 <strong>DEVELOPMENT AND VALIDATION OF ARRAY COMPARATIVE GENOMIC HYBRIDISATION (ACGH) IN VWD GENETIC ANALYSIS</strong></td>
<td></td>
<td>Simon Webster¹, Daniel Hampshire¹, Bimal Theophilus², Reinhard Schneppenheim³, Daniel Bellissimo⁴, Ian Peake¹ and Anne Goodeve¹. ¹Haemostasis Research Group, Department of Cardiovascular Science, University of Sheffield, UK, ²Dept. Haematology, Birmingham Children’s Hospital, UK, ³Department of Paediatric Haematology and Oncology, University Medical Centre Hamburg-Eppendorf, Hamburg, Germany, ⁴ Blood Research Institute, Blood Center of Wisconsin, Milwaukee, WI, USA.</td>
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<td>14:45-15:00</td>
<td>O18 <strong>ADAMTS13 AND VON WILLEBRAND FACTOR EXOSITES</strong></td>
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<td>Rens de Groot, David Lane, Jim Crawley. Centre for Haematology, Hammersmith Hospital Campus, Imperial College London.</td>
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<td>15:00-15:15</td>
<td>O19 <strong>THE N-LINKED GLYCOSYLATION IS A MODULATOR OF ADAMTS13 EXPRESSION AND FUNCTION.</strong></td>
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<td>Agata A Nowak, Eirene Yeung, Mike A Laffan, Thomas AJ McKinnon. Department of Haematology, Faculty of Medicine, Hammersmith Hospital Campus, Imperial College London.</td>
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15:15-15:30  **020 CONFORMATIONAL ACTIVATION OF ADAMTS13.** Kieron South, Brenda M Luken, Rebecca Phillips, Mari Thomas, James TB Crawley, Tillmann Pape, Louis Deforche, Karen Vanhoorelbeke and David A Lane. Centre for Haematology and Department of Life Science, Imperial College London, London W12 ONN. Laboratory for Thrombosis Research, IRF Life Sciences, KU Leuven, Kulak, Kortrijk, Belgium

15:30-16:00  Coffee/tea

1600-17.30  **Session 7: Chairpersons Paul Harrison and Jon Gibbins**

16:00-16:30  Venizelos Papayannopoulos: Why Neutrophils make NETS

16:30-17:00  Ed Rainger: The role of platelets, monocytes and vessel wall inflammation in atherogenesis (30 mins)

17:00-17:30  Simon de Meyer: Thromboinflammation and Stroke (30 mins)

19:30  Conference dinner at The Royal College of Surgeons of Edinburgh
Thursday 9th
October

9.00-11.00  Session 8: Complement and thrombosis
Chairpersons Henry Watson & David Stirling

9:00-9:30  Marcus Huber-Lang: Role of Complement in thrombosis and multiorgan failure

9:30-10:00  Anita Hill: Paroxysmal Nocturnal Haemoglobinuria and thrombosis

10:00-10:30  Mike Greaves: Role of complement in APS

10:30-11:00  JP Westwood: Role of complement in TTP

11:00-11:30  Coffee/Tea

11:30-13:00  Scientist in training symposium
Chairpersons David Lane & Martina Daley

11:30-11:45  021 FUNCTIONAL FACTOR XIII-A IS EXPOSED ON THE ACTIVATED
PLATELET MEMBRANE Joanne L Mitchell, AS Lionikiene, SR Fraser, CS
Whyte, NA Booth, NJ Mutch. Institute of Medical Sciences, University
of Aberdeen, Aberdeen, UK.

11:45-12:00  022 THROMBIN-ACTIVATABLE FIBRINOLYSIS INHIBITOR AND
ABDOMINAL AORTIC ANEURYSMS Katherine Bridge, Mark Hesketh, Lize Bollen, Fraser Macrae, Anne Johnson, Helen Philippou, D
Julian Scott, Ann Gils, Fraser Macrae, Anne Johnson, Helen Philippou. 1 Theme Thrombosis, Division of Cardiovascular and Diabetes Research, University of Leeds, Leeds, UK. 2. The Leeds Vascular Institute, Leeds General Infirmary, Leeds, UK. 3. Laboratory for Therapeutic and Diagnostic Antibodies Department of Pharmaceutical and Pharmacological Sciences, KU Leuven, Belgium

12:00-12:15  023 FACTOR V AS A SYNERGISTIC COFACTOR TOGETHER WITH
PROTEIN S IN THE INHIBITION OF FXA BY TFPI Natalia Reglińska-
Matveyev, Hang Y.F. Liu, James T.B. Crawley, David A. Lane and Josefín
Ahnström Centre for Haematology, Faculty of Medicine, Imperial
College London, Hammersmith Hospital Campus, United Kingdom

12:15-12:30  024 A NOVEL APPROACH TO GENE DISCOVERY IN RARE BLEEDING AND
PLATELET DISORDERS COMBINING HIGH-THROUGHPUT SEQUENCING
AND DETAILED PHENOTYPING WITH THE HUMAN PHENOTYPE
ONTOLOGY Claire Lentaigne on behalf of the BRIDGE-Bleeding and
Platelet Disorders consortium. 1Centre for Haematology,
Hammersmith Campus, Imperial College Academic Health Sciences
Centre, Imperial College London.

12:30-12:45  025 CHARACTERIZATION OF FIVE ΑΙΙΒ INTEGRIN DEFECTS ASSOCIATED
WITH GLANZMANN’S THROMBASTHENIA  Essa Sabi, V Leo, A Al-
Marwani, M Makris, ME Daly. 1Department of Cardiovascular
Science, University of Sheffield Medical School, University of Sheffield,
026 SINGLE NUCLEOTIDE VARIANTS RS1063857 AND RS1063856 ARE ASSOCIATED WITH INCREASED VWF PLASMA LEVELS Ahmad H. Mufti, Anne C. Goodeve and Daniel J. Hampshire. Haemostasis Research Group, Department of Cardiovascular Science, University of Sheffield, Sheffield, UK.

13:00 Lunch and finish
Poster presentations

P1. DVT – A TRUE EPIDEMIC? Helena Edlin, Sarah Cleal, Toni Tinken, JV Smyth, J Thachil. Vascular Lab, Manchester Royal Infirmary, Oxford Rd, Manchester, M13 9WL


P4. THE PROBLEM OF PULMONARY EMBOLISM DIAGNOSIS IN PREGNANCY. Roxanne Ramsay, Louise Byrd, Louise, Clare Tower, Jacqueline James, Mary Prescott, Jecko Thachil, Manchester Royal Infirmary, Oxford Rd, Manchester, M13 9WL

P5. GETTING THE ANTICOAGULATION RIGHT IN THE INTENSIVE CARE. Heap L, Nash M, Hay CRM, Thachil J. Manchester Royal Infirmary, Oxford Rd, Manchester, M13 9WL

P6. A RETROSPECTIVE ANALYSIS OF THE MANAGEMENT OF PRIMARY IMMUNE THROMBOCYTOPENIA IN PREGNANCY; A SINGLE CENTRE STUDY. Mairi-Annabel Leggatt1, Clare Tower1, Louise Byrd1, Charles Hay2, Michael Nash2, Jecko Thachil2. 1 St Mary’s Hospital, Oxford Road, Manchester, M13 9WL. 2 Haematology Directorate, Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL

P7. VON WILLEBRAND DISEASE; AN INTERESTING PEDIGREE WITH THREE GENETIC VARIANTS. R Gooding1, R Gama Paulo2, R Seth2, M Hill2. 1 Leicester Comprehensive Care Centre, University Hospitals of Leicester NHS Trust. 1 Molecular Diagnostics, Nottingham University Hospitals NHS Trust

P8. HOW CAN WE REDUCE PLATELET WASTAGE IN CARDIOTHORACIC SURGERY? Dr H Lucero, Dr J Thachil, Dr K Pendry Manchester Royal Infirmary

P9. AN AUDIT OF PLATELET USE AND WASTAGE IN A TERTIARY HOSPITAL. Dr H Lucero, Dr J Thachil, Dr K Pendry Manchester Royal Infirmary


P11. DEVELOPMENT OF FACTOR VIII INHIBITOR IN A HAEMOPHILIA A CARRIER. Suliman Y, Nash M, Hay CRM, Thachil J. Haematology Dept, Manchester Royal Infirmary, Oxford Road, Manchester M13 9WL

P13. SURVEY OF CLOTTING SCREEN TESTS IN A TERTIARY REFERRAL CENTER Morris R, Thachil J, Manchester Royal Infirmary, Oxford Rd, Manchester, M13 9WL

P14. A NEW CAUSE FOR RECURRENT PULMONARY EMBOLISM DESPITE ANTICOAGULATION Jecko Thachil1, Oluwasegun Ilelaboye2. 1 Central Manchester University Hospitals NHS Foundation Trusts, Manchester M13 9WL. 2 University of Manchester, Central Manchester University Hospitals NHS Foundation Trust, Manchester M13 9WL.

P15. THE UTILITY OF HAEMATOLOGICAL INVESTIGATIONS FOR RETINAL VEIN OCCLUSION Shakir S, Aslam T, Thampy R, Thachil J. Central Manchester University Hospitals NHS Foundation Trusts, Manchester M13 9WL.

P16. A NATIONAL SURVEY OF IMMUNOSUPPRESSION FOR ACQUIRED HAEMOPHILIA A. Paul Batty1, Ben Palmer2, Elizabeth Chalmers3, Charles R. M. Hay4, Ri Liesner5, Savita Rangaranjan6, Kate Talks7, Michael Williams8, Peter Collins9, Daniel P Hart1. 1 The Royal London Hospital Haemophilia Centre, Barts and The London School of Medicine and Dentistry, Queen Mary University London, London, UK; 2 The National Haemophilia Database, Manchester, United Kingdom; 3 Royal Hospital for Sick Children, Glasgow, UK; 4 Manchester University Department of Haematology, Manchester Royal Infirmary, Manchester, UK; 5 Great Ormond Street NHS Trust, London, UK; 6 Hampshire Hospital NHS Foundation Trust, Basingstoke & North Hampshire Hospital, Basingstoke, UK; 7 Newcastle upon Tyne Hospital NHS Foundation Trust, Newcastle, UK; 8 Birmingham Children's Hospital NHS Foundation Trust, Birmingham, UK; 9 School of Medicine, Cardiff University, University Hospital of Wales, Cardiff, UK.

P17. A RETROSPECTIVE ANALYSIS ON THE USE OF FONDAPARINUX IN PREGNANCY Esra Elsaigh, Clare Tower, Louise Byrd, Jecko Thachil. Manchester Royal Infirmary/Saint Mary’s Hospital, Oxford Road, Manchester, M13 9WL

P18. VENOUS THROMBOEMBOLISM (VTE): DIAGNOSIS AND MANAGEMENT AT A TERTIARY CENTRE Dr Leila Emma Taheri, James White, Hamizah Pg Hj Zain. Kate Talks, Haemophilia Centre, Royal Victoria Infirmary, Queen Victoria Road, Newcastle Upon Tyne. NE1 4LP

P19. IS WARFARIN THE CAUSE OF MY BLEED? Samah Alimam, Charles Hay, Mike Nash, Paula Grey, Jecko Thachil. Central Manchester Foundation Trust, Oxford Road, Manchester

P20. EXPRESSION, PURIFICATION AND CHARACTERISATION OF PLASMA PREKALLIKREIN INTERACTION WITH HK Chan Li, Jonas Emsley. Centre for Biomolecular Sciences, School of Pharmacy, University of Nottingham, Nottingham, NG7 2RD

P21. COAGULATION FACTOR XII PROTEASE DOMAIN CRYSTAL STRUCTURE REVEALS AN ATYPICAL ZYMOSOM TRIAD Monika Pathak, Pascal Wilmann, Peter M Fischer, Ingrid Dreveny, Lodewijk V Dekker, Jonas Emsley. Center for Biomolecular Sciences, School of Pharmacy, University of Nottingham, Nottingham, NG7 2RD, UK.
P22. STRUCTURAL AND BIOCHEMICAL INVESTIGATION OF THE HUMAN FXII FIBRONECTIN TYPE II DOMAIN INTERACTION WITH ZNCL2 Bubacarr G Kaira1, Jonas Emsley1 Centre for Biomolecular Science, School of Pharmacy, University of Nottingham, NG7 2RD, UK

P23. APPROPRIATE USE OF FRESH FROZEN PLASMA (FFP) IN ADULTS AT CENTRAL MANCHESTER UNIVERSITY HOSPITALS NHS FOUNDATION TRUST Theingi Yin1, Kate Pendry2, Jecko Thachil3, Jane Uttley2, Mary Marsden2, Louise Polyzois2, Alan Burgess2, Roy Kettle2. 1Haematology Specialist Registrar, 2Hospital Transfusion Team, Department of Laboratory Medicine, 3Haemostasis Department, Central Manchester University Hospitals NHS Foundation Trust (CMFT)

P24. CHARACTERISING CELL-TYPE INTERACTIONS FOLLOWING PLATELET ACTIVATION IN A NOVEL WHOLE BLOOD ASSAY PCJ Armstrong & TD Warner, William Harvey Research Institute, Barts and The London School of Medicine and Dentistry, London, United Kingdom

P25. EXPRESSION, PURIFICATION AND ACTIVITY ASSAYS OF HUMAN FXII Rosa Manna, Badraldin Hamad, Jonas Emsley. Centre for Biomolecular Sciences, School of Pharmacy, University of Nottingham, NG72RD


P27. THE ASSESSMENT OF CLOT KINETICS FOLLOWING RIVAROXABAN TREATMENT Stephen MacDonald and Roger Luddington. Cambridge Haemophilia and Thrombophilia Centre, Addenbrooke’s Hospital, Cambridge University Hospitals NHS Trust, Cambridge CB2 0QQ.

P28. EFFECT OF HAEMATOCRIT ON CLOT FORMATION, STRUCTURE AND LYSIS P Untiveros1, M Greaves2, HG Watson1 NJ Mutch2. 1Haematology Department Aberdeen Royal Infirmary, Forresyerhill, Aberdeen, AB25 2ZN 2Institute of Medical Sciences, Forsterhill, Aberdeen, AB25 2ZD

P29. THE ROLE OF PHOSPHATASES IN REGULATING GPVI SIGNAL TRANSDUCTION: A SYSTEMS BIOLOGY APPROACH Joanne Dunster1,2, Francoise Mazet1, Marcus Tindall1,2, Michael J. Fry1, Jonathan M. Gibbins1. 1Institute for Cardiovascular and Metabolic Research, School of Biological Sciences, University of Reading, 2Department of Mathematics and Statistics, University of Reading.

P30. PLATELET AGGREGATION AND PLATELET-LEUCOCYTE CONJUGATE FORMATION CAN BE MEASURED SIMULTANEOUSLY IN A SMALL VOLUME OF FIXED WHOLE BLOOD Mohammad Algahtani, Natalia Dovlatova, Jane May, Stan Heptinstall, Susan Fox. Thrombosis and Haemostasis Research Group, Division of Clinical Neurosciences, University of Nottingham, Queens Medical Centre, Nottingham, NG7 2UH, United Kingdom

P31. ASSESSING PLATELET FUNCTION USING A P-SELECTIN BASED TEST COMPARED WITH OTHER COMMERCIAL TESTS Susan Fox, Jane May, Andrew Johnson, Ann White, Jackie Glenn, Natasha Dovlatova, Ashwin Radhakrishnan and Stan Heptinstall. Thrombosis and Haemostasis Research Group, Division of Clinical Neurosciences,
P32. USE OF A P-SELECTIN TEST FOR ASSESSMENT OF PLATELET FUNCTION IN RELATION TO CLINICAL OUTCOMES IN A CORONARY ARTERY DISEASE PATIENT POPULATION Ashwin Radhakrishnan, Natalia Dovlatova, Stan Heptinstall, Susan C Fox. Thrombosis and Haemostasis Research Group, Division of Clinical Neurosciences, University of Nottingham, Queens Medical Centre, Nottingham, NG7 2UH, United Kingdom

P33. ANTIPLATELET ANTIBODIES AND THEIR TARGETS ON THE PLATELET MEMBRANE IN IMMUNE THROMBOCYTOPENIC PATIENTS Adrienn Orosz, Isabelle I. Salles-Crawley, Shahzaib Ahmad, Nichola Cooper, James T.B. Crawley. Centre for Haematology, Imperial College London, London, UK

P34. EX VIVO THROMBIN GENERATION AND MARKERS OF IN VIVO COAGULATION ACTIVATION IN PATIENTS WITH VENOUS THROMBOEMBOLISM ON THERAPEUTIC DOSE RIVAROXABAN OR WARFARIN Arachchillage DRJ1, Efthymiou M1, Mackie IJ1, Lawrie A1, Machin SJ1, H Cohen H1, 2 1 Haemostasis Research Unit, Department of Haematology, University College London, London, UK. 2 Departments of Haematology, University College London Hospitals NHS Foundation Trust, London, UK

P35. EFFECTS OF RIVAROXABAN ON DETECTION OF LUPUS ANTICOAGULANT: IN VITRO AND EX VIVO STUDIES Arachchillage DRJ1, Mackie IJ1, Efthymiou M1, Machin SJ1, H Cohen H1, 2 1 Haemostasis Research Unit, Department of Haematology, University College London, London, UK. 2 Departments of Haematology, University College London Hospitals NHS Foundation Trust, London, UK

P36. ADVERSE EFFECTS OF ORAL ANTICOAGULANTS (NOACS): EXPERIENCE IN A SINGLE CENTRE Poppy Shelton. University of Leicester. 1 Knighton Park Road Leicester LE2 1ZA.

P37. RAPAMYCIN INCREASES THE THROMBOGENIC POTENTIAL OF NEUTROPHIL EXTRACELLULAR TRAPS (NETS): POTENTIAL MECHANISM OF PROTHROMBOTIC DRUG-ELUTING STENTS. Laura D. Healy,1 David K. Robinson,2 Tiffany T. Chu,2 Heidi Oldenkamp,2 Cristina Garcia Puy,2 András Gruber,2 Owen J.T. McCarty1,2 Departments of 1Cell & Developmental Biology and 2Biomedical Engineering, Oregon Health & Science University, Portland, OR, USA

P38. STRUCTURAL STUDIES OF LEUKOCYTE INTEGRIN MAC-1 I DOMAIN AND ITS LIGANDS BY NMR SPECTROSCOPY Juliet Morgan,1 Huw Williams,1 Jonas Emsley,1,2 and Mark Searle,1 1School of Chemistry / 2School of Pharmacy, Centre for Biomolecular Sciences, University of Nottingham, Nottingham, UK, NG7 2RD