



BSHT Annual Meeting

Thursday 8th – Friday 9th November 2018

The Slate, University of Warwick, Coventry CV4 7AL

www.bsht.org.uk

PROGRAMME

BSHT Meetings Ltd | Company no. 4507462 | VAT No. 925 0066 48

Registered Office: Stanbridge Associates Ltd, 94 West Parade, Lincoln LN1 1JZ

Thursday 8th November:

07:00 – 08:00	Breakfast (<i>Radcliffe House residents only</i>)
09:30 – 10:20	Registration, Refreshments + networking <i>The Slate</i>
10:20 – 10:30	Welcome + Introduction <i>Jim CRAWLEY</i>
10:20 – 12:20	SESSION ONE: Plenary 1 and Oral Communications 1 <i>Co-chairs: Helen Philippou & Josefin Ahnstrom</i>
10:30 – 11:00	<i>Profibrinolytic properties of platelets</i> <i>Nikki MUTCH</i> (Aberdeen)
11:00 – 11:05	Discussion
	Oral Communications 1
11:05 – 11:20	1 CRYSTAL STRUCTURES OF THE RECOMBINANT β -FACTOR XIIa PROTEASE WITH BOUND PRO-ARG AND THR-ARG SUBSTRATE MIMETICS <i>Monika Pathak, Rosa Manna and Jonas Emsley</i> Centre for Biomolecular Sciences, School of Pharmacy, University of Nottingham, UK
11:20 – 11:35	2 CHARACTERISATION OF A NOVEL GPIIb/IIIa KNOCKIN MOUSE THAT LACKS THE LAST 24 AMINO ACIDS OF ITS INTRACELLULAR DOMAIN <i>Isabelle I. Salles-Crawley, Adela Constantinescu-Bercu, Kevin J Woollard & James TB Crawley</i> Centre for Haematology, Hammersmith Hospital Campus, Imperial College London, London, UK
11:35 – 11:50	3 EFFICACY AND SAFETY OF PROTHROMBIN COMPLEX CONCENTRATE IN PATIENTS TREATED WITH RIVAROXABAN OR APIXABAN COMPARED TO WARFARIN PRESENTING WITH MAJOR BLEEDING <i>Deepa RJ Arachchilage^{1,2}, Sharon Alavian¹, Jess Griffin¹, Kamala Gurung¹, Richard Szydlo¹, Nilanthi Karawitige¹, Mike Laffan^{1,2}</i> ¹ Department of Haematology, Imperial College Healthcare NHS Trust, London, UK ² Department of Haematology, Imperial College London, London, UK
11:50 – 12:05	4 WHAT PHYSIOLOGICAL SURFACE IS RESPONSIBLE FOR THE THROMBIN FEEDBACK LOOP ON FACTOR XI? <i>B. A. Webb¹, O. M. Posada¹, C. Wilson¹, J. Ahnström², J. H. Morrissey³ and H. Philippou¹</i> ¹ LICAMM, University of Leeds, Leeds, UK ² Faculty of Medicine, Imperial College London, London, UK ³ Department of Biological Chemistry, Medical School, University of Michigan, Michigan, USA
12:05 – 12:20	5 PATIENTS WITH RECURRENT VENOUS THROMBOEMBOLISM HAVE LESS ELASTIC CLOTS THAN THOSE WITH NON-RECURRENT DISEASE <i>Stephen R. Baker¹, Michal Zabczyk², Anetta Undas², Robert A. S. Ariens¹</i> ¹ Theme Thrombosis, Department of Discovery and Translational Science, Leeds Institute of Cardiovascular and Metabolic Medicine, University of Leeds, UK. ~ ² Institute of Cardiology, Jagiellonian University Medical College, Krakow, Poland and John Paul II Hospital, Krakow, POLAND
12:20 – 13:20	Lunch, networking + exhibition
13:20 – 15:10	SESSION TWO: Plenary 2 and Scientists-in-Training Session <i>Co-chairs: Nikki Mutch & Isabelle Salles-Crawley</i>
13:20 – 13:50	<i>Mechanisms of thrombus formation in mice</i> <i>Christophe DUBOIS</i> (France)
13:50 – 13:55	Discussion
	Scientists-in-Training Session
13:55 – 14:10	6 IDENTIFICATION OF FUNCTIONALLY IMPORTANT RESIDUES IN PROTEIN S FOR ITS INTERACTION WITH TFPI <i>Adrienn Teraz-Orosz, Salvatore Santamaria, James TB Crawley, David A Lane and Josefin Ahnström</i> Centre for Haematology, Faculty of Medicine, Imperial College London, London, UK
14:10 – 14:25	7 ANTI-CUB AND ANTI-SPACER ANTIBODIES THAT CONFORMATIONALLY ACTIVATE ADAMTS13 WORK THROUGH ENHANCEMENT OF THE METALLOPROTEASE DOMAIN FUNCTION <i>Anastasis Petri¹, An-Sofie Schelpe², Nele Vandeputte², Hans Deckmyn², Simon F De Meyer², Karen Vanhoorelbeke², James TB Crawley¹</i> ¹ Centre for Haematology, Imperial College London, London, United Kingdom, ² Laboratory for Thrombosis Research, KU Leuven, Kortrijk, BELGIUM
14:25 – 14:40	8

	NOVEL PLATELET-NEUTROPHIL INTERACTION VIA ACTIVATED $\alpha_{IIb}\beta_3$ MEDIATES NETOSIS UNDER FLOW <i>Adela Constantinescu-Bercu, Isabelle I. Salles-Crawley, Kevin J Woollard & James T.B. Crawley</i> Imperial College London, Hammersmith Hospital Campus, Du Cane Road, London, UK
14:40 – 14:55	9 CANCER CELLS RELEASE ACTIVE TF-FVIIa COMPLEX WHICH CAN BE DIRECTLY INHIBITED BY APIXABAN <i>Yahya Madkhali1, Sophie Featherby1, Anthony Maraveyas2, John Greenman1, Camille Ettelaie1</i> 1Biomedical Section, School of Life Sciences, University of Hull, Cottingham Road, Hull, HU6 7RX, UK., 2Division of Cancer-Hull York Medical School, University of Hull, Cottingham Road, Hull, HU6 7RX, UK
14:55 – 15:10	10 CROSS-TALK BETWEEN THE ALTERNATIVE PATHWAY OF COMPLEMENT AND THE INTRINSIC PATHWAY OF COAGULATION <i>Samantha L Heal, Lewis J Hardy, Beth A Webb, Clare L Wilson, Helen Philippou</i> Leeds Institute of Cardiovascular and Metabolic Medicine, University of Leeds, Leeds, UK
15:10 – 15:40	Refreshments, networking + exhibition
15:40 – 17:45	SESSION THREE: Plenary 3 and Emerging Fellows <i>Co-chairs: Henry Watson & Rhona Maclean</i>
15:40 – 16:10	<i>New therapeutic options in the treatment of TTP</i> Marie SCULLY (London)
16:10 – 16:15	Discussion
	Emerging Fellows
16:15 – 16:35	<i>Procoagulant lipids. A future treatment for abdominal aortic aneurysms?</i> Keith ALLEN-REDPATH (Cardiff)
16:35 – 16:40	Discussion
16:40 – 17:00	<i>Learning how to restrain the world's most prolific killers (platelets)</i> Mark THOMAS (Birmingham)
17:00 – 17:05	Discussion
17:05 – 17:25	<i>Personalised prophylaxis in Haemophilia A: the population pharmacokinetic approach</i> Saket BADLE (London)
17:25 – 17:30	Discussion
17:30 – 17:50	<i>Regulation of clot stability by the serine/threonine phosphatase PP1</i> Clot retraction is mediated by phosphorylation of myosin light chain in platelets, which may be modulated by interfering with the serine/threonine phosphatase PP1. Zoltan NAGY (Birmingham)
17:50 – 17:55	Discussion
17:55 – 19:15	Poster session + Drinks Reception
19:30	Conference Dinner <i>Radcliffe House</i>

Friday 9th November:

07:00 – 08:00	Breakfast (<i>Radcliffe House residents only</i>)
08:00 – 08:30	Registration, Refreshments + networking <i>The Slate</i>
08:30 – 10:10	SESSION FOUR: Plenary 4 and Oral Communications 3 <i>Co-chairs: Catherine Bagot & Chris Gardiner</i>
08:30 – 09:00	<i>Cancer and thrombosis</i> Henry WATSON (Aberdeen)
09:00 – 09:05	Discussion
09:05 – 09:15	Transfer time to parallel session
	<div style="border: 2px solid blue; padding: 10px; background-color: #ffffcc;"> <p>CLINICAL TRAINING SESSION (Parallel Session) <i>Keith Gomez</i></p> <p>09:15 – 09:40 Mike LAFFAN (London) Global haemostatic assays in clinical practice Global tests are increasingly used to guide haemostatic therapy, but haematologists are often unfamiliar with them because they are performed at point of care rather than in the coagulation laboratory.</p> <p>09:40 – 10:10 Pratima CHOWDARY (London) Novel therapies for haemophilia</p> </div>

Oral Communications 2	
09:10 – 09:25	11 DISSIMILAR EFFECTS OF DIRECT ORAL ANTICOAGULANTS ON THE RELEASE OF TF-POSITIVE MICROVESICLES AND CANCER CELL PROLIFERATION <i>Sophie Featherby¹, Yahya Madkhali¹, Anthony Maraveyas², Camille Ettelaie¹</i> ¹ Biomedical Section, School of Life Sciences, University of Hull, Cottingham Road, Hull, HU6 7RX, UK., ² Division of Cancer-Hull York Medical School, University of Hull, Cottingham Road, Hull, HU6 7RX, UK
09:25 – 09:40	12 MICRORNA-223 IN PLATELET-DERIVED EXTRACELLULAR VESICLES DOWNREGULATES TISSUE FACTOR EXPRESSION IN THP-1 MONOCYTIC CELLS <i>Mary E W Collier, Ashley R Ambrose, Alison H Goodall</i> Department of Cardiovascular Sciences, University of Leicester and NIHR Cardiovascular Biomedical Research Unit, Glenfield Hospital, Leicester LE3 9QP
09:40 – 09:55	13 PREVALENCE OF ANTI-PROTEIN C ANTIBODIES AND ACQUIRED ACTIVATED PROTEIN C RESISTANCE IN SYSTEMIC LUPUS ERYTHEMATOSUS <i>Giuseppe A. Ramirez^{1,2,3}, Hannah Cohen^{4,5}, Ian Mackie⁴, David Isenberg^{1,2}, Maria Efthymiou⁴</i> ¹ Centre for Rheumatology, Division of Medicine, University College London, London, UK ² Department of Rheumatology, University College London Hospitals NHS Foundation Trust, London, UK ³ Università Vita-Salute San Raffaele, Milan, Italy ⁴ Haemostasis Research Unit, Department of Haematology, University College London, London, UK ⁵ Department of Haematology, University College London Hospitals NHS Foundation Trust, London, UK
09:55 – 10:10	14 DIETARY ZINC INATKE MODULATES PLATELET AGGREGATION, CLOT FORMATION AND FIBRINOLYSIS <i>U Sumya, J Beattie, NJ Mutch</i> School of Medicine, Medical Sciences and Nutrition, Institute of Medical Sciences, Foresterhill, Aberdeen, AB25 2ZD The Rowett Institute, Foresterhill, Aberdeen, AB25 2ZD
10:10 – 10:40	Refreshments, Refreshments + networking <i>The Slate</i>
	<div style="border: 2px solid blue; padding: 10px; background-color: #fff9c4;"> <p>CLINICAL TRAINING SESSION (Parallel Session) <i>Keith Gomez</i> 10:40 – 11:10 Rhona MACLEAN (Sheffield) When & how to thrombolyse in venous thrombosis 11:10 – 11:35 Keith GOMEZ (London) Genomics in the haemostasis clinic Through case-based discussion, this presentation will go through the development of next generation sequencing and its use in clinical practice.</p> </div>
10:40 – 12:30	SESSION FIVE: Plenary 5 & Oral Communications 3 <i>Co-chairs: Robert Ariens & Neil Morgan</i>
10:40 – 10:55	15 ERP44, A NEW THIOL ISOMERASE ENZYME THAT IS PRESENT IN PLATELETS <i>Shurug Alsufyani and Jonathan M Gibbins</i> Institute for Cardiovascular and Metabolic Research, School of Biological Sciences, University of Reading, Harborne Building, Whiteknights, Reading, Berkshire, RG6 6AS, UK
10:55 – 11:10	16 CHARACTERISATION OF A GENETICALLY MODIFIED FXIII-A L34V MODEL AND POTENTIAL FOR VASCULAR STUDIES <i>Adomas Baranauskas, Robert A.S. Ariens, Cédric Duval</i> Discovery and Translational Science Department, Leeds Institute of Cardiovascular And Metabolic Medicine, The LIGHT Laboratories, University of Leeds, Clarendon Way, LS2 9NL, UK
11:10 – 11:25	17 BTK INHIBITION INHIBITS CLEC-2 MEDIATED PLATELET ACTIVATION <i>Joshua Hinds¹, Stephanie K Watson¹, Guy Pratt², Phillip LR Nicolson¹</i> ¹ Institute of Cardiovascular Sciences, College of Medical and Dental Sciences, University of Birmingham, Edgbaston, Birmingham, B15 2TT, UK ² Department of Haematology, Queen Elizabeth Hospital, Birmingham, B15 2TH, UK
11:25 – 11:40	18 INCIDENCE OF THROMBOCYTOPENIA AND HEPARIN INDUCED THROMBOCYTOPENIA IN PATIENTS RECEIVING EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO) COMPARED TO CARDIOPULMONARY BYPASS (CPB) AND THE LIMITED SENSITIVITY OF PRE-TEST PROBABILITY SCORE <i>Deepa RJ Arachchilage^{1,2,3}, Sanjay Khanna¹, Christophe Vandenbrielle¹, Jonathan Dutton¹, Alex Rosenberg¹, TV Aw¹, Winston Banya¹, Mike Laffan^{2,3}, Stephane Ledot¹, Brijesh Patel^{1,3}</i> ¹ Royal Brompton & Harefield NHS Foundation Trust, London, UK ² Imperial College Healthcare NHS Trust, London, UK ³ Imperial College London, London, UK
Summer Student Presentations	
11:40 – 11:45	Summer Student 1
11:45 – 11:50	Summer Student 2
11:50 – 11:55	Summer Student 3
	Plenary 5

11:55 – 12:25	<i>Tyrosine phosphatases: critical regulators of platelet production and function</i> The receptor tyrosine phosphatase CD148 and the ITIM-containing receptor G6b-B are critical regulators of the number and reactivity of platelets in the circulation. <i>Yotis SENIS</i> (Birmingham)
12:25 – 12:30	Discussion
12:30 – 13:30	BSHT AGM & Lunch, networking + exhibition
13:30 – 15:20	SESSION SIX: Plenary 6 & Emerging Fellows Session <i>Co-Chairs: Jim Crowley & Keith Gomez</i>
13:30 – 14:00	<i>Modifying serpin specificity to therapeutic effect: The creation of SerpinPC, a pan-haemophilia agent</i> <i>Jim HUNTINGTON</i> (Cambridge)
14:00 – 14:05	Discussion
	Oral Communications 4
14:05 – 14:20	19 STRUCTURAL BASIS OF THE LEUKOCYTE INTEGRIN MAC-1 I-DOMAIN INTERACTION WITH THE PLATELET GP1B α N-TERMINAL DOMAIN <i>Ruiqi Ng^{2*}, Juliet Morgan¹, Muhammad Saleem², Alex Slater^{1,2}, Caroline Armstrong¹, Szu Wong², Simon Caulton², Alice Fickling¹, Huw E.L. Williams¹, Adam Munday³, José A. López³, Jonas Emsley², Mark S. Searle¹</i> ¹ School of Chemistry and ² School of Pharmacy, Centre for Biomolecular Sciences, University Park, University of Nottingham NG7 2RD, UK ³ Bloodworks Northwest Research Institute, Seattle, Washington 98102, USA
14:20 – 14:35	20 PARTIAL RESCUE OF NATURALLY OCCURRING ACTIVE SITE FACTOR X VARIANTS THROUGH DECREASED INHIBITION BY TFPI AND ANTITHROMBIN <i>Josefin Ahnström, Joseph Temenu, Michael A. Laffan and David A. Lane</i> Centre for Haematology, Faculty of Medicine, Imperial College London, London, UK
14:35 – 14:50	21 ASSESSING THE IMPACT OF NICE GUIDELINE NG89 ON HOSPITALISED MEDICAL PATIENTS AT RISK OF VENOUS THROMBOEMBOLISM <i>Will Lester¹, Keval Dabhi² and Deepak Chandra³</i> Centre for Clinical Haematology, University Hospitals Birmingham, Edgbaston, Birmingham, B152TH Health Informatics department, Yardley Court, Edgbaston, Birmingham, B151JD Department of Clinical Haematology, Royal Stoke University Hospital, University Hospitals of North Midlands NHS Trust, ST4 6QG
14:50 – 15:05	22 THE CRITICAL ROLE OF TISSUE FACTOR PATHWAY INHIBITOR (TFPI) UNDER FLOW AND <i>IN VIVO</i> <i>Isabelle I. Salles-Crawley*, Josefin Ahnström* & James TB Crawley*</i> Centre for Haematology, Hammersmith Hospital Campus, Imperial College London, London, UK
15:05 – 15:20	23 ANTIBODY-MEDIATED CLEARANCE OF ADAMTS13 IN ACQUIRED THROMBOTIC THROMBOCYTOPENIC PURPURA: A ROLE FOR MONOCYTES? <i>Mary I Underwood¹, Mari R Thomas², Marie A Scully², James TB Crawley¹</i> ¹ Centre for Haematology, Imperial College London, Hammersmith Hospital Campus, Du Cane Road, London W12 0NN, UK ² Department of Haematology University College Hospital, London NW1 2BU, UK
	Meeting Close

POSTERS

P-1

PLASMA PROTEOMIC PROFILING ONE YEAR POSTPARTUM OF WOMEN WITH PRE-ECLAMPSIA SHOWS DYSREGULATED CARDIOMETABOLIC PROFILE

Fatma S. Abad^{1#}, Antigoni Manousopoulou^{2#}, Diana J. Garay-Baquero³, Brian R. Birch⁴, Bas B. van Rijn⁵, Spiros D. Garbis^{2,6} and Bashir A. Lwaleed^{1*}*

¹Faculty of Health Sciences, University of Southampton, Southampton, UK; ²Institute for Life Sciences, University of Southampton, Southampton, UK; ³Clinical and Experimental Sciences Unit, University of Southampton, Southampton, UK; ⁴Faculty of Medicine, University of Southampton, Southampton, UK; ⁵Division Woman and Baby, WKZ Geboortecentrum, University Medical Centre Utrecht, Utrecht, The Netherlands; ⁶Cancer Sciences Unit, Faculty of Medicine, University of Southampton, Southampton, UK

P-2

DESIGN AND ANALYSIS OF SMALL COMPOUNDS TO RESTRAIN THE FUNCTIONS OF TISSUE FACTOR WITHIN TUMOUR CELLS

Oluremi I Adeniran¹, Mohammad A Mohammad², Anthony Maraveyas³, Andrew N Boa¹, Camille Ettelaie²

¹Chemistry Section, School of Mathematics and Physical Sciences, University of Hull, Cottingham Road, Hull, HU6 7RX, UK., ²Biomedical Section, School of Life Sciences, University of Hull, Cottingham Road, Hull, HU6 7RX, UK., ³Division of Cancer-Hull York Medical School, University of Hull, Cottingham Road, Hull, HU6 7RX, UK

P-3

IDENTIFICATION AND FUNCTIONAL INVESTIGATION OF GENES IN PATIENTS WITH INHERITED BLEEDING DISORDERS

Ibrahim Almazni

Institute of Cardiovascular Science, University of Birmingham, Edgbaston, B15 2TT, Birmingham, UK.

P-4

CORRELATION BETWEEN ELISAS AND AUTOMATED CHEMILUMINESCENCE PANELS TO DETECT ANTI-BETA2-GLYCOPROTEIN I ANTIBODIES IN LABORATORY DIAGNOSIS OF ANTIIPHOSPHOLIPID SYNDROME

Neha Thomas¹, Kurtis Lee¹, Richard Szydlo², Mike Laffan¹, Deepa RJ Arachchillage^{1,2}

¹Imperial College Healthcare NHS Trust, London, UK

²Imperial College London, London, UK

P-5

AN EVIDENCE REVIEW TO DETERMINE THE EFFICACY OF NOVEL ORAL ANTICOAGULANTS (NOACS) COMPARED TO WARFARIN AT REDUCING VENOUS THROMBOEMBOLISM RECURRENCE IN ADULT PATIENTS

Arebi M¹, Baker D¹, Marshall T².

¹College of Medical and Dental Sciences, University of Birmingham, Birmingham, UK.

²Institute of Applied Health Research, College of Medical and Dental Sciences, University of Birmingham, Edgbaston, Birmingham, UK.

P-6

TUMOUR-ASSOCIATED TF-mRNA MAY BE PREDICTIVE OF THE RISK OF PULMONARY EMBOLISM (PE) IN GASTROINTESTINAL CANCER PATIENTS

Naima E. Benelhaj¹, Camille Ettelaie², Miriam J Johnson¹, Justin Cooke³, Anthony Maraveyas¹

¹Division of Cancer-Hull York Medical School, University of Hull, Cottingham Road, Hull, HU6 7RX, UK, ²Biomedical Section, School of Life Sciences, University of Hull, Cottingham Road, Hull, HU6 7RX, UK. ³Department of Pathology, Hull Royal Infirmary, Hull and East Yorkshire NHS Trust, Anlaby Road, Hull, HU3 2JZ.

P-7

ALTERATIONS IN ENDOTHELIAL PERMEABILITY OCCURS IN RESPONSE TO THE ACTIVATION OF PAR2 BY FACTOR Xa BUT NOT BY TF-FACTOR VIIa

Naima E. Benelhaj¹, Anthony Maraveyas¹, Sophie Featherby², Miriam J Johnson¹, Camille Ettelaie²

¹Division of Cancer-Hull York Medical School, University of Hull, Cottingham Road, Hull, HU6 7RX, UK, ²Biomedical Section, School of Life Sciences, University of Hull, Cottingham Road, Hull, HU6 7RX, UK.

P-8

EFFECTS OF WEIBEL-PALADE BODY PLASTICITY ON VWF FUNCTIONING.

Francesco Ferraro, Mafalda Lopes da Silva, Jessica McCormack, Ian White, Jemima Burden, Kimberley Harrison-Lavoie, Daniel Cutler

MRC laboratory for Molecular Cell Biology, UCL, Gower St, London WC1E 6BT

P-9

LOW MOLECULAR WEIGHT HEPARIN REDUCES TUMOUR FORMATION, INVASION AND VASCULARISATION

Sophie Featherby¹, Camille Ettelaie¹, John Greenman¹, Anthony Maraveyas²

¹Biomedical Section, School of Life Sciences, University of Hull, Cottingham Road, Hull, HU6 7RX, UK., ²Division of Cancer-Hull York Medical School, University of Hull, Cottingham Road, Hull, HU6 7RX, UK

P-10

A PRACTICAL METHOD FOR REDUCING INTERFERENCE BY LIPAEMIA FOR COAGULATION TESTS

Chris Gardiner, Philip Lane, Ian J Mackie

Haemostasis Research Unit, 1st Floor, 51 Chenies Mews, University College London, London WC1E 6HX

P-11

VARIATIONS IN BINDING OF GPVI VARIANTS TO DIFFERENT FIBRIN(OGEN) FRAGMENTS

Julia S. Gauer¹, Rui-gang Xu¹, Alexandre Slater², Gina Parrella², Marie-Blanche Onselaer², Cédric Duval¹, Andrew Herr³, Steve P. Watson², Robert A. S. Ariëns¹

¹Discovery and Translational Science Department, Institute of Cardiovascular and Metabolic Medicine, University of Leeds, Leeds, LS2 9LU, UK.

²Institute of Cardiovascular Sciences, College of Medical and Dental Sciences, University of Birmingham, Birmingham, B15 2TT, UK.

³Department of Molecular Genetics, Biochemistry & Microbiology, University of Cincinnati College of Medicine, 231 Albert Sabin Way, OH 45267-0524, USA

P-12

THE SIDE EFFECT OF TYROSINE KINASE INHIBITORS, IN HAEMOSTASIS, THROMBOSIS AND INFLAMMATION

Abdullah Hamadi¹, Faith A. Kwa¹ and Denise E Jackson^{1,2}

Thrombosis and Vascular Diseases Laboratory, School of Health and Biomedical Sciences, RMIT University, Bundoora. Victoria. Australia.

²Correspondence: Professor Denise Jackson, Thrombosis and Vascular Diseases Laboratory, School of Health and Biomedical Sciences, RMIT University, PO Box 71, Bundoora. Victoria. Australia

P-13

INVESTIGATION OF MECHANISM OF TISSUE FACTOR-MEDIATED CELL APOPTOSIS

Yahya Madkhali¹, John Greenman¹, Anthony Maraveyas², Camille Ettelaie¹

¹Biomedical Section, School of Life Sciences, University of Hull, Cottingham Road, Hull, HU6 7RX, UK., ²Division of Cancer-Hull York Medical School, University of Hull, Cottingham Road, Hull, HU6 7RX, UK

P-14

THE CELLULAR LOCATION OF TISSUE FACTOR IS CONSTRAINED BY MAGI-1 AND IS RELEASED BY PAR2 ACTIVATION

Mohammad A Mohammad¹, Mary E Collier², Anthony Maraveyas³, John Greenman¹, Camille Ettelaie¹

¹Biomedical Section, School of Life Sciences, University of Hull, Cottingham Road, Hull, HU6 7RX, UK., ²Department of Cardiovascular Sciences, University of Leicester, Clinical Sciences Wing, Glenfield General Hospital, Leicester, LE3 9QP, ³Division of Cancer-Hull York Medical School, University of Hull, Cottingham Road, Hull, HU6 7RX, UK

P-15

LONG TERM EXPOSURE TO TISSUE FACTOR INDUCE CELL PROLIFERATION BY LOWERING PTEN PROTEIN LEVELS

Mohammad A Mohammad¹, John Greenman¹, Anthony Maraveyas², Camille Ettelaie¹

¹Biomedical Section, School of Life Sciences, University of Hull, Cottingham Road, Hull, HU6 7RX, UK., ²Division of Cancer-Hull York Medical School, University of Hull, Cottingham Road, Hull, HU6 7RX, UK

P-16

CLINICAL MANAGEMENT OF AUTOIMMUNE ACQUIRED FACTOR XIII DEFICIENCY DURING PREGNANCY

Delia Dima¹, Ioana Rus¹, Sergiu Pasca¹, Ioana Felea², Mariana Chitic¹, Mihai Muresan³, Cosmin Lisencu³, Alexandru Irimie³, Mihnea Zdrenghes¹, Ciprian Tomuleasa^{1,4}.

¹Department of Hematology, Ion Chiricuta Oncology Institute, Cluj Napoca, Romania.;

²Department of Rheumatology, Emergency Clinical Hospital, Cluj Napoca, Romania.;

³Department of Surgery, Ion Chiricuta Oncology Institute, Cluj Napoca, Romania.;

⁴Research Center for Functional Genomics and Translational Medicine, Iuliu Hatieganu University of Medicine and Pharmacy, Cluj Napoca, Romania

P-17

ORAL SURGERY FOR COMBINED HAEMOPHILIA A AND B. THE DOS AND DON'TS PRESENTED IN A CLINICAL SCENARIO

Madalina A Lazar¹, Ovidiu Muresan², Calin R Roman², Delia Dima³, Sergiu Pasca³, Mihai Stefan Muresan⁴, Gabriel Armencea², Ciprian Tomuleasa³, Horatiu Rotaru².

¹ Department of Implantology and Maxillofacial Surgery, Iuliu Hatieganu University of Medicine and Pharmacy Cluj Napoca, Romania.;

² Department of Oral and Maxillofacial Surgery, Iuliu Hatieganu University of Medicine and Pharmacy Cluj Napoca, Romania

³ Department of Hematology, Ion Chiricuta Clinical Research Center, Cluj Napoca, Romania

⁴ Department of Surgery, Iuliu Hatieganu University of Medicine and Pharmacy Cluj Napoca, Romania

P-18

LARGE-SCALE SCREENING FOR MEMBRANE PROTEIN INTERACTIONS INVOLVED IN PLATELET-MONOCYTE INTERACTIONS

Yi Sun¹, George Ed Rainger¹ & Steve P Watson¹

¹ Institute of Cardiovascular Science, College of Medical and Dental Sciences, University of Birmingham, Edgbaston, Birmingham. B15 2TT

P-19

ONE-STEP PURIFICATION OF FIBRIN(OGEN) FRAGMENTS AND THEIR BINDINGS TO GPVI IN SOLUTION

Rui-Gang Xu¹, Julia S. Gauer¹, Alexandre Slater², Gina Parrella², Marie-Blanche Onselae¹, Cedric Duval¹, Iain Manfield³, Chi Trinh⁴, Andrew Herr⁵, Steve P. Watson², Robert A. S. Ariens¹

¹ Discovery and Translational Science Department, Institute of Cardiovascular and Metabolic Medicine, University of Leeds, Leeds, LS2 9LU, UK.

² Institute of Cardiovascular Sciences, College of Medical and Dental Sciences, University of Birmingham, Birmingham, B15 2TT, UK

³ School of Molecular and Cellular Biology, Faculty of biological sciences, University of Leeds, Leeds, LS2 9LU, UK.

⁴ The Astbury Centre for Structural Molecular Biology, Faculty of biological sciences, University of Leeds, Leeds, LS2 9LU, UK.

⁵ Department of Molecular Genetics, Biochemistry & Microbiology, University of Cincinnati College of Medicine, 231 Albert Sabin Way, OH 45267-0524, USA