



BSHT Annual Meeting

Thursday 12 – Friday 13 October 2017

The Slate, University of Warwick, Coventry CV4 7AL

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

PROGRAMME

Thursday 12 October:		
09:00 – 10:00	Registration, Refreshments + networking	<i>The Slate</i>
10:00 – 10:10	Welcome + Introduction <i>Robert ARIËNS</i>	
10:10 – 12:05	SESSION ONE: Plenary 1 and Oral Communications 1	
	Co-chairs:	
10:10 – 10:45	Alternative splicing in coagulation <i>Elisabetta CASTOLDI</i> (Netherlands)	
10:45 – 10:50	Discussion	
	SESSION ONE: Oral Communications 1	
10:50 – 11:05	Oral communication 1 Triggering receptor expressed on myeloid cells like transcript-1 (TLT-1) triggers a novel Platelet/VWF interaction <i>A DOERR</i> (London)	
11:05 – 11:20	Oral communication 2 Paradoxical bleeding in mice lacking the kinase-phosphatase pair CSK-CD148 <i>Zoltan NAGY</i> (Birmingham)	
11:20 – 11:35	Oral communication 3 Hypersensitive platelet subpopulations determine collective behaviour: Results from a study of single platelet function using droplet microfluidics <i>Maaïke SA JONGEN</i> (Southampton)	
11:35 – 11:50	Oral communication 4 The heparan sulfate proteoglycan perlecan is a physiological ligand of the inhibitory platelet Receptor G6B-B <i>Timo VÖGTLE</i> (Birmingham)	
11:50 – 12:05	Oral communication 5 Inhibition of Btk does not block platelet activation by GPVI: studies with ibrunitib, acalabrutinib and XLA patients <i>Phillip LR NICOLSON</i> (Birmingham)	
12:05 – 13:30	Lunch, networking + exhibition	
13:30 – 15:10	SESSION TWO: Plenary 2 and Scientists in Training Session	
	Co-chairs:	
13:30 – 14:05	Flow analysis of hemostasis and thrombosis <i>Scott DIAMOND</i> (USA)	
14:05 – 14:10	Discussion	
	SESSION TWO: Scientists in Training Session	

14:10 – 14:25	Scientist in Training 1 Fibrin produces a film that covers, protects and seals the clot <i>Fraser MACRAE</i> (Leeds)
14:25 – 14:40	Scientist in Training 2 VWF-Mediated platelet 'Priming' potentiates novel leukocyte interactions under flow <i>Adela CONSTANTINESCU-BERCU</i> (London)
14:40 – 14:55	Scientist in Training 3 Characterisation of a novel truncated VWF variant for the treatment of Von Willebrand's Disease <i>Robyn BELL</i> (London)
14:55 – 15:10	Scientist in Training 4 Plasminogen activator inhibitor 1 is retained on the surface of activated platelets and enhances thrombus stabilisation <i>Gael MORROW</i> (Aberdeen)
15:10 – 15:40	Refreshments, networking + exhibition
15:40 – 17:20	SESSION THREE: Plenary 3 and Oral Communications 2
	Co-chairs:
15:40 – 16:15	Diabetes and thrombosis The presentation will review the role of the fibrin network in increased atherothrombosis risk in individuals with diabetes <i>Ramzi AJJAN</i> (UK)
16:15 – 16:20	Discussion
	SESSION THREE: Oral Communications 2
16:20 – 16:35	Oral communication 6 The fibrin αC domain not only plays a role in lateral aggregation but also in longitudinal fibre growth <i>Helen MCPHERSON</i> (Leeds)
16:35 -16:50	Oral communication 7 The effect of antithrombotics on three-dimensional thrombus formation <i>Lewis HARDY</i> (Leeds)
16:50 -17:05	Oral communication 8 Defective fibrin accumulation and thrombus stability in BAMBI deficient mice is mediated by increased APC anticoagulant activity <i>Isabelle I SALLES-CRAWLEY</i> (London)
17:05 -17:20	Oral communication 9 Fibrinogen and fibrin bind GPVI-monomer with nanomolar affinity, but not GPVI-dimer <i>Clare WILSON</i> (Leeds)
17:20	Meeting close day one
18:00 – 19:30	Poster session + Drinks Reception <i>The Slate</i>
19:30	Dinner <i>Radcliffe House</i>

Friday 13 October:

07:00 – 08:00	Breakfast (<i>residents only</i>) <i>Radcliffe House</i>
08:00 – 08:30	Registration, networking + exhibition <i>The Slate</i>
08:30 – 09:55	SESSION FOUR: Plenary 4 and Oral Communications 3
	Co-chairs:
08:30 – 09:05	The future of haemophilia care <i>Mike MAKRIS</i> (UK)
09:05 – 09:10	Discussion
	SESSION FOUR: Oral Communications 3
09:10 – 09:25	Oral communication 10

	Crystal structure of Fab-bound ADAMTS13 <i>Hyo Jung KIM</i> (Nottingham)
09:25 – 09:40	Oral communication 11 Allosteric activation of ADAMTS13 <i>Yaoxian XU</i> (London)
09:40 – 09:55	Oral communication 12 Why do antifibrinolytic lysine analogues cause bleeding? <i>Matthew LOCKE</i> (Potters Bar)
09:55 – 10:25	Refreshments, networking + exhibition
10:25 – 12:25	SESSION FIVE: Plenary 5 and Emerging Fellows Session
	Co-chairs:
10:30 – 11:05	Coagulation and atherosclerosis <i>Hugo TEN CATE</i> (Netherlands)
11:05 – 11:10	Discussion
	SESSION FIVE: Emerging Fellows Session
11:10 – 11:30	VWD to ACS: shifting the focus of VWF research <i>Dan HAMPSHIRE</i> (Sheffield)
11:30 – 11:35	Discussion
11:35 – 11:55	Fibrin cross-linking and clot structure, role(s) in vascular disease <i>Cédric DUVAL</i> (Leeds)
11:55 – 12:00	Discussion
12:00 – 12:20	Translating Whole Genome Sequencing into Bleeding and Platelet Disorders <i>Claire LENTAIGNE</i> (London)
12:20 – 12:25	Discussion
12:25 – 13:25	Lunch, networking + exhibition
13:25 – 14:50	SESSION SIX: Plenary 6 and Oral Communications 4
	Co-Chairs:
13:25 – 14:00	Coagulation signalling and innate immunology <i>Wolfram RUF</i> (Germany/USA)
14:00 – 14:05	Discussion
	SESSION SIX: Oral Communications 4
14:05 – 14:20	Oral communication 13 Tissue factor de-palmitoylation, phosphorylation, de-encryption and release in microvesicles are related events <i>Camille ETTALAIE</i> (Leicester)
14:20 – 14:35	Oral communication 14 Trem-like transcript-1: a highly sensitive marker of early platelet activation <i>Christopher W SMITH</i> (Birmingham)
14:35 – 14:50	Oral communication 15 TTP autoantibody characterisation: recognition of ADAMTS13 conformations and associated IgG subclass <i>Mary I UNDERWOOD</i> (London)
14:50 – 15:20	Refreshments, networking + exhibition
15:20 – 16:30	SESSION SEVEN: Plenary 7 and Oral Communications 5
	Co-Chairs:
15:20 – 15:55	Disordered haemostasis - a second driver of infectious disease susceptibility? <i>Rachel SIMMONDS</i> (UK)
15:55 – 16:00	Discussion
	SESSION SEVEN: Oral Communications 5
16:00 – 16:15	Oral communication 16 Extended D-E interactions near the classical knob-hole binding site play an important role in fibrin polymerisation and clot stability <i>Nathan ASQUITH</i> (Leeds)
16:15 – 16:30	Oral communication 17

	VWF and ADAMTS13 levels in early onset preeclampsia: prothrombotic mechanisms in mothers with elevated risk of venous thromboembolism <i>Ryan GRIFFIN</i> (London)
16:30	Meeting close