

Main Meeting – Invited Speakers**Thursday 25th April**

Abstract Number	Author	Title
OC1	Leo Nicolai	Immune-responsive platelets - lessons from humans and mice
OC6	Alison Goodall	Platelets at the heart of everything

Main Meeting – Invited Speakers**Friday 26th April**

Abstract Number	Author	Title
OC11	Alice Pollitt	The platelet synapse
OC16	Sarah Westbury	Beyond bleeding: insights from inherited platelet disorders
OC21	Khalid Naseem	CD36 a thrombotic agent provocateur par excellence

**Main Meeting - Oral Communications selected from submitted abstracts.
Thursday 25th April**

Abstract Number	Author	Title
OC2	Rachel Jones	Investigating the Role of Thromboinflammation in Post-Stroke Cognitive Decline
OC3	Joanne Mitchell	Dual anti-platelet therapies are ineffective at preventing blockage of the coronary microcirculation following ischaemia reperfusion injury in mice.
OC4	Claire Whyte	Endothelial cell origin determines the fibrinolytic response to proinflammatory stimuli and downstream thrombus stability
OC5	Sarah Jones	Remote ischaemic conditioning: a non-pharmacological approach to improve endothelial function and reduce platelet reactivity.
OC7	Satya Kunapuli	Phosphorylation of (Ser291) in the linker insert of Syk negatively regulates ITAM signaling in platelets
OC8	Ingo Bojak	Termination of thrombus growth through the dependence of platelet activation on distance to injury, an in-silico investigation
OC9	Hetty Walker	Generation of Novel PROTAC Tools For Targeting Protein Kinase Degradation in Human Platelets
OC10	Samantha Montague	The tetravalent nanobody Nb17-2-Fc distinguishes low and high responders to FcγRIIA stimuli

Main Meeting - Oral Communications selected from submitted abstracts.
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Abstract Number	Author	Title
OC12	Connor Webb	Chronic exposure to platelet primers induces platelet-neutrophil aggregates (PNAs) in vitro
OC13	Harriet Allan	Mitochondrial dynamics in megakaryocyte maturation and proplatelet formation
OC14	Imane Boukhatem	Megakaryocytes derived from human CD34+ cells express and release Brain-Derived Neurotrophic Factor
OC15	Ella Ykema	Altered procoagulant dynamics in histone-stimulated platelets
OC17	Deanna Howley	Statins inhibit platelet-induced colorectal cancer metastatic responses.
OC18	Joanne Dunster	Gender specific influence of birth weight on platelet function in later life.
OC19	Daisie Yates	Development and optimisation of a novel 9-parameter flow cytometry panel for human platelet phenotyping
OC20	Lauren Murphy	Platelets sequester extracellular DNA, capturing tumour-derived and free fetal DNA
OC22	Joanne Clark	Visualising the dynamics of movement of GPVI and CLEC-2 upon ligand engagement
OC23	Kirk Taylor	Intravital analysis of thrombus Ca ²⁺ signalling dynamics using a novel genetically-encoded Ca ²⁺ indicator mouse (MKPLT_Salsa6f).
OC24	Veena Chawan	Functional impact of platelet cold storage
OC25	Kieran Pocknell	Sensitivity of a novel plasmin generation assay to TAFIa

Main Meeting - Poster Abstracts

Poster Number	Author	Title
P01	Fahd Alaajam	ZO-2 associates with JAM-A to activate integrin α IIb β 3 and regulate platelet activation
P02	Mohammad Ali	Piezo1 as a platelet primer
P03	Harriet Allan	Mitochondrial dynamics in megakaryocyte maturation and proplatelet formation
P04	Tagreed Almazyad	Comparative Analysis of in vitro Platelet Productivity from Human Megakaryocytes Derived from Different Cell Sources Using Microfluidic Chips
P05	Ingo Bojak	Termination of thrombus growth through the dependence of platelet activation on distance to injury, an in-silico investigation
P06	Imane Boukhatem	Megakaryocytes derived from human CD34+ cells express and release Brain-Derived Neurotrophic Factor
P07	Paul Cato	In vitro assays to de-risk new cancer therapeutics: comparing the effects of BH3-mimetics on platelet viability
P08	Veena Chawan	Functional impact of platelet cold storage
P09	Lih Cheah	CD36-dependent metabolic rewiring and mitochondrial dysfunction in platelets in response to hyperlipidaemia – new mechanisms of platelet hyperactivity
P10	Joanne Clark	Visualising the dynamics of movement of GPVI and CLEC-2 upon ligand engagement
P11	Nicola Dark	The influence of activated platelets on monocyte inflammatory phenotype and function
P12	Amelia Drysdale	Aspirin and the 12-LOX inhibitor ML355 as promising targets in antifungal therapy
P13	Joanne Dunster	Gender specific influence of birth weight on platelet function in later life.
P14	Emma Faulkner	Expansion Microscopy allows characterisation of structural disruptions in platelet aggregations
P15	Samuel Fleury	Inhibition of the p75 neurotrophic receptor partly inhibits BDNF-induced platelet aggregation
P16	Alex Hodgkinson	Nitric oxide regulates platelet microparticle formation
P17	Deanna Howley	Statins inhibit platelet-induced colorectal cancer metastatic responses.
P18	Mohammed Jalal	Association of Genetic and Allelic Variants of Von Willebrand Factor (VWF), Glutathione S-Transferase and Tumor Necrosis Factor Alpha with Ischemic Stroke Susceptibility and Progression in the Saudi Population
P19	Rachel Jones	Investigating the Role of Thromboinflammation in Post-Stroke Cognitive Decline
P20	Sarah Jones	Remote ischaemic conditioning: a non-pharmacological approach to improve endothelial function and reduce platelet reactivity.
P21	Renos Keniyopoulos	Differential effects of HIV integrase inhibitors on platelets
P22	Sabeeya Khan	Quercetin, isoquercetin, and zafirlukast synergize with the P2Y12

		antagonist, cangrelor, in the inhibition of platelet function
P23	Neline Kriek	Multiparameter analysis of platelet function in patient cohorts – a case for personalised therapy
P24	Satya Kunapuli	Phosphorylation of (Ser291) in the linker insert of Syk negatively regulates ITAM signaling in platelets
P25	Anna Kurpinska	Modulation of anti-inflammatory and vasoprotective properties of platelet cargo by anti-platelet inhibitors of protein disulfide isomerases (PDI)
P26	Sophie Leonard	Inhibition of platelet function by prostacyclin is diminished in a hypoxic environment.
P27	Yong Li	Platelet releasate attenuates ischemic damage in acute myocardial infarction in mice
P28	Bismah Mateen	Investigating the effects of indoxyl sulphate on thrombosis and haemostasis.
P29	Joanne Mitchell	Dual anti-platelet therapies are ineffective at preventing blockage of the coronary microcirculation following ischaemia reperfusion injury in mice.
P30	Samantha Montague	The tetravalent nanobody Nb17-2-Fc distinguishes low and high responders to FcγRIIIa stimuli
P32	Lauren Murphy	Platelets sequester extracellular DNA, capturing tumour-derived and free fetal DNA
P33	Natasha Pavey	Characterising the organisation and dynamics of the IMS and cytoskeleton in human iPSC-derived megakaryocytes and platelet production
P34	Kieran Pocknell	Sensitivity of a novel plasmin generation assay to TAFIa
P35	Yuyuan Qiu	Enhancing Platelet Productivity in Microfluidic Systems through Modified Coating Conditions
P36	Irene Regan	Efficacy and Speed of Effect of the First Dose of Aspirin In Children With Congenital Heart Disease.
P37	Irene Regan	The Effects of Aspirin Dose in Children with Congenital and Acquired Heart Disease. Results from the PAED-M study
P38	Serena Rustichelli	Effects of curcumin on ROS production during platelet activation
P39	Megan Simpson	PAI-1-driven hypofibrinolysis is associated with venous thrombosis in patients with COVID-19 disease.
P40	Kirk Taylor	Intravital analysis of thrombus Ca ²⁺ signalling dynamics using a novel genetically-encoded Ca ²⁺ indicator mouse (MKPLT_Salsa6f).
P41	Justin Troy	An optimised methodology for chemically generated human platelet knockouts using PROTACS
P42	Hetty Walker	Generation of Novel PROTAC Tools For Targeting Protein Kinase Degradation in Human Platelets
P43	James Waterfield	Bloodstream infection-associated dysregulation of haemostasis can be modulated by iron-regulated Staphylococcus aureus cell wall proteins
P44	Connor Webb	Chronic exposure to platelet primers induces platelet-neutrophil aggregates (PNAs) in vitro
P45	Claire Whyte	Platelet and fibrin accumulation are shaped by Plg-RKT-bound

		plasminogen
P46	Claire Whyte	Endothelial cell origin determines the fibrinolytic response to proinflammatory stimuli and downstream thrombus stability
P47	Daisie Yates	Development and optimisation of a novel 9-parameter flow cytometry panel for human platelet phenotyping
P48	Ella Ykema	Altered procoagulant dynamics in histone-stimulated platelets
P49	Azziza Zaabalawi	Investigating the feasibility and validity of using human placental vessels for ex-vivo models of thrombosis and haemostasis.