

Early Career Researchers Meeting**Monday 4th September****Oral Communications selected from submitted abstracts**

Abstract Number	Author	Title
OC02	Zoltan. Nagy	Single-cell RNA sequencing identifies a critical role of G6b-B in regulating megakaryocyte maturation
OC03	Kirk A Taylor	Real-time assessment of inter-platelet communication and regulation of thrombus structure by connexin gap junctions

Main Meeting - Oral Communications selected from submitted abstracts
Tuesday 5th September

Abstract Number	Author	Title
OC04	Gina Perrella	Neutrophil extracellular trap components differentially induce S100A8/A9 expression on platelets associated with a procoagulant phenotype
OC05	Harriet E Allan	Platelet-released mitochondria promote neutrophil activation and the formation of neutrophil extracellular traps
OC10	Alexi Crosby	Supercharged platelets as a novel therapy for reducing blood loss post-cardiac surgery
OC07	Timo Vögtle	Platelet-derived Integrin and Tetraspanin-enriched Tethers (PITTs) orchestrate neutrophil recruitment and drive pulmonary thrombo-inflammation
OC09	Maaïke Jongen	Single platelet function in thrombocytopenia patients measured with droplet microfluidics
OC06	Claudia Schönichen	Endothelial inflammation affects platelet activation via surface receptors and mediator secretion
OC11	Joanne L Mitchell	Dual anti-platelet therapies are ineffective at preventing blockage of the coronary microcirculation following ischaemia reperfusion injury in mice.
OC12	Megan F Allen	Novel Prostacyclin Analogue Produces Potent and Selective Platelet Inhibition
OC13	Julia F Charlon	Role of MicroRNA-223-3p in regulating platelet-supported thrombin generation
OC14	Richard J Buka	c-Mpl is a platelet receptor for platelet factor 4
OC15	Jordan Vautrinot	Development of a fully in vitro approach to generation of megakaryocytes and platelets from mouse embryonic stem cells

Main Meeting - Oral Communications selected from submitted abstracts
Wednesday 6th September

Abstract Number	Author	Title
OC08	Christian Schulte	Antiplatelet drugs do not protect from platelet-leukocyte aggregation in Coronary Artery Disease
OC17	Safa Gayes	Understanding the structure/function relationship of PLC γ 2 downstream of platelet (hem)ITAM receptors
OC18	Waltraud C. Schrottmaier	Platelet p110 β mediates platelet-leukocyte interaction and curtails bacterial dissemination in pneumococcal pneumonia
OC19	Smita Patil	Super-resolution microscopy of α -granule secretion in spreading platelets
OC20	Maxime Borret	New role of platelets on liver metabolism in early NASH
OC21	Alexander Brill	GPIb-alpha – VWF interaction mediates platelet accumulation in a new vessel-on-a-chip model of deep vein thrombosis
OC22	Emma L Faulkner	Characterising architecture of platelet aggregations using expansion microscopy (ExM).
OC23	Julie Bodart	Role of platelet GARP in post-myocardial infarction inflammation and fibrosis
OC24	Anne-Katrin Rohlfing	The subtilisin-like protease furin regulates hemin-dependent ectodomain shedding of glycoprotein VI (GPVI)
OC25	Jawad Khalil	Protein kinase A regulates platelet phosphodiesterase 3A through an A-kinase anchoring protein dependent manner.

Main Meeting - Poster Abstracts

Poster Number	Author	Title
P01	Salihah Al Alyan	A potential role of gap junctions in platelet-neutrophil interactions.
P02	Ghadir Alkarithi	Fibrin film limits platelets interactions and is reduced by inflamed endothelial cells
P03	Reem N Alotaibi	Regulation of glucose uptake by platelets
P04	Paul C Armstrong	Platelet dependent priming of monocyte inflammatory phenotypes
P05	Kalwant S. Authi	Inositol-1,3,4,5-tetrakisphosphate (IP4) is a negative regulator of platelet activation
P06	Ruby M Baxter	pHrodo-labelled dextrans: An assay to study platelet endocytosis
P07	Semra Z Birol	Platelet Biogenesis from Mouse Megakaryocytes at Variable Shear Stress Levels by Using Microfluidic Systems
P08	Ingvild Birschmann	Platelet Proteome Study in COVID-19
P09	Maria Blanco	SIRT1-mediated deacetylation regulates integrin $\alpha\text{IIb}\beta\text{3}$ and actin cytoskeleton dynamics through a decrease in talin-1 cleavage
P10	Chrysoula Boutari	Venlafaxine and surveillance for induced platelet dysfunction. A case report.
P11	Kate Burley	Systematic prioritisation of GWAS variants for platelet side scatter reveals candidate genes for cytoplasmic complexity.
P12	Sara Čabrijan	Phosphatidylinositol-4-kinase alpha regulates integrin activation and cytoskeletal organisation in human platelets
P13	Martina Casari	Impaired Platelet Activation Combined with Increased Platelet Leukocyte Aggregate Formation in Murine Biliary Liver Fibrosis
P14	Marilena Crescente	The <i>Aspergillus fumigatus</i> metabolite gliotoxin disrupts platelet activation and NETosis induction
P15	Nicola Dark	Influence of platelets on monocyte phenotype and function
P16	Emma de Cartier	Linking platelet acetyl-CoA carboxylase and inflammatory response in septic patients
P17	Valerie Dicenta-Baunach	Triggering ACKR3 and CXCR4 heterodimerization in platelets by targeting ACKR3
P18	Samuel M Dickens	Characterising the enhancing effect of oestrogen on procoagulant platelet formation .
P19	Amelia Drysdale	Risk factors for cardiovascular disease (CVD) alter the composition of the vascular extracellular matrix (ECM), promoting thrombogenicity
P20	Amelia Drysdale	Characterising the role of platelets in the host immune response to invasive candidiasis
P21	Joanne L. Dunster	A computational framework reveals the importance of the spatial distribution of PtdIns in the regulation of phosphoinositide recycling in platelets.
P22	Amro Elgheznawy	Structural and functional consequences of calpain-dependent cleavage of platelet connexin 62
P23	Alice R Etheridge	Increasing Receptor Expression and Cholesterol Levels Enhances Agonist-Independent Activity at the Platelet P2Y ₁₂ Receptor

P24	Désirée Forstner	Priming of maternal platelets during pregnancy – the role of pregnancy specific beta-1-glycoprotein 11 in platelet activation
P25	Holly R Foster	Thyroid hormones and analogues promote the acute release of platelets from megakaryocytes: from blood donor biology to the production of platelets in vitro
P26	J S Gauer	Attenuation of hyperglycaemic-induced increase in platelet-derived reactive oxygen species (ROS) and procoagulant activity by polyphenols
P27	Silvia Maria Grazia Trivigno	Platelet activation induced by CpG-Rich oligodeoxynucleotides: The involvement of the C-type lectin receptor CD93
P28	Matthew S Hindle	CD36 mediated uptake and utilisation of fatty acids in platelets.
P29	James L. Hutchinson	TP and P2Y12 receptors display reciprocal regulation of surface expression.
P30	C Jewell	Assessment in vitro of potential effects of therapeutic oligonucleotides on platelet function
P31	Maaïke SA Jongen	Detection of hyperfunctioning platelets and novel phenotypic platelet subtypes
P32	Eima Karim	Pim kinase inhibition attenuates platelet-leukocyte aggregate formation
P33	S. Khan	Quercetin, isoquercetin and zafirlukast enhance the actions of the P2Y12 antagonist Cangrelor
P34	Amber Knapp-Wilson	Optimisation of the Alt-R™ CRISPR-Cas9 System in imMKCLs to generate an in-vitro model for the evaluation of platelet disorder genes
P35	Neline Kriek	A high-throughput, antibody-free method for measuring platelet activation and dense granule release by flow-cytometry
P36	Rachel E Lamerton	Antibodies are a key component in Salmonella induced platelet aggregation
P37	Winnie Lau	Generation of universal platelets from HLA-null human pluripotent stem cell (hPSC) lines
P38	Yong Li	Creation of a murine myocardial infarction model for in vivo study of therapeutic effects of bio-engineered platelets
P39	A. Lotens	AICAR induced AMPK activation increases antioxidant capacity but activates platelets and reduces agonist reactivity during storage
P40	Freya Lyssy	The effect of maternal platelets on the differentiation of extravillous trophoblasts
P41	Eleyna M Martin	Multivalent Nanobodies : Novel Agonists for Platelet Activation
P42	Evgeniia A. Melnikova	Staying on track: collagen fibres orientation strongly affects platelet adhesion at high shear
P43	Samantha J Montague	Comparison of platelet activation between established and novel FcγRIIA ligands
P44	Catarina Monteiro	Description of three new variants in glycoprotein Ib platelet subunit beta (GP1BB) associated with a monoallelic form of Bernard-Soulier Syndrome
P45	Catarina Monteiro	Clinical, phenotypic and genetic overview of inherited platelet disorders diagnosed in a single Portuguese reference centre for Congenital Coagulopathies.
P46	Meghna U. Naik	Identification of Polo-like Kinase 3 in Platelets and its Role in the Regulation of Hemostasis and Thrombosis

P47	Sophie H Nock	PIM Kinase: A novel regulator of thromboxane A2 receptor signalling and platelet Function
P48	Lorna O'Donoghue	Hypochlorous acid inhibits platelets through reversible oxidation of cysteine thiols in cytoskeletal and signalling proteins
P49	Philippe Ohlmann	Platelet aggregation test, between doubts and certainties: Frequent Ask Questions
P50	Natasha Pavey	Scott syndrome with novel ANO6 deficiency and associated impaired PS exposure and platelet dysfunction
P51	Anita Pirabe	Characterization of platelet subpopulations in mouse models of regenerative thrombocytopenia
P52	Isabella Provenzale	Pathophysiological activation of platelet pannexin-1 channels
P53	Elanchezhian Rajan	Role of FPR2/ALX in the modulation of thromboinflammatory responses
P54	Elanchezhian Rajan	Differential effects of two distinctive snake venoms on the modulation of platelet reactivity and blood clotting
P55	Irene E. Regan	IPF as a surrogate marker for reduced response to aspirin in children post-cardiac surgery?
P56	Valentine Robaux	Dual antiplatelet therapy is associated with high alpha-tubulin acetylation in circulating platelets from coronary artery disease patients
P57	Serena Rustichelli	Effects of curcumin on platelet activation promoted by amyloid peptides
P58	R. M. Sariyer	Time- and distance-resolved robotic imaging of fluid flow in vertical microfluidic strips: a new technique for quantitative, multiparameter global measure of haemostasis
P59	X.Sawkulycz	Development of an in vitro model of ischemic stroke and reperfusion injury
P60	Anna Schmuckenschlager	Impact of fever and acidosis on platelet-mediated thromboinflammation
P61	Dmitri Sisario	Differential role of the Rac1-binding proteins Fam49b and Cyfip1 in platelet spreading
P62	Katrijn R. Six	Glycocalicin is released and trapped in a retracted thrombus
P63	S. Sorrentino	Platelet dysfunction in Noonan Syndrome
P64	S Srishanmuganathan	Identification of distinct platelet populations upregulated in sepsis patients from UKHSA study
P65	Siyu Sun	Complementary roles of platelets and red blood cells in high-throughput whole-blood thrombin generation
P66	V Tinkova	The alarmin S100A12 induces the activation of a subpopulation of platelets and the generation of highly activated microvesicles
P67	Justin Troy	Chemical degradation of Focal Adhesion Kinase utilising PROTACs with different linker lengths; effect on human platelet function.
P68	Amanda J Unsworth	Ubc13-UBE2N E2 Ubiquitin ligase, and Lys63 Ubiquitin linkages positively regulate platelet function
P69	Ami Vadgama	Immunophenotyping of platelets using spectral flow cytometry
P70	Thomas M Vallance	(Epi)genetic comparison of hiPSCs and their ability to differentiate into megakaryocytes and platelets
P71	Jens Van Bael	SIRT3-mediated deacetylation of cyclophilin D lowers procoagulant platelet formation
P72	Pradeep	Effects of the venom of a spitting elapid snake, Hemachatus

	Vijayakumar	haemachatus on the modulation of platelet reactivity and blood clotting
P73	Hetty S Walker	Generation of Novel PROTAC Tools For Targeting Protein Kinase Degradation in Human Platelets
P74	Ella L. Ykema	Histone subfamilies elicit distinct platelet responses
P75	Pengyu Z	Hierarchy and interactions of Syk, Btk, PKC and MAPKs in GPVI-dependent human platelet activation
P76	Madhumitta Chatterjee	Lipid Mediators in Immunothrombotic Platelet Response and its Noncanonical Regulation by CXCR7