



Welcome!

It is our honour to welcome you all to Jesus College for the first ever full meeting of the Platelet Society. We hope that you have a great meeting – that you see excellent science, meet friends old and new, and come away full of new ideas.

We were bowled over by the quality, breadth and depth of the science in the abstracts you submitted, showing how vibrant and important platelet research continues to be. As ever, it was a challenge to pick just some of them to be presented as oral communications. Please spend time looking at the posters and talking to the presenters.

We would like to bring to your attention the 2nd Platelet Society Early Career Research Meeting at Queen Mary University of London, on 23rd April 2020. This will be the don't-miss event of the year for PhD students, postdocs and fellows. For more information, talk to Kirk Taylor and Paul Armstrong.

Finally, we are immensely grateful to our sponsors who have generously supported us. Please do visit their stands and find out about their latest ideas to help your research.

With best wishes,

Matthew, Cedric & Nick



Thursday 12th September

10am
onwards

Registration – *Please put up your posters*

Session 1: Platelet Formation and Function		
<i>Chaired by Cedric Ghevaert and Melissa Chan</i>		
11:00	Welcome	Matthew Harper
11:15	Bone marrow regulation of platelet production	Alessandra Balduini
11:45	CRLF3 regulates platelet production via the Hippo pathway and tubulin modification: a new therapeutic target for myeloproliferative disease	James Warland
12:00	The changing face and function of the ageing platelet in the circulation	Paul Armstrong
12:15	Platelet connexins are regulated through a network of proteases, kinases and phosphatases	Amro Elgheznawy
12:30	Selective regulation of platelet granule secretion and function by the exocyst complex	Tony Walsh
12:45	Platelet factor XIII-A regulates platelet function and promotes clot retraction and stability	Joanne Mitchell

13:00

Lunch – *Posters to be displayed*

Session 2: Platelet Pharmacology		
<i>Chaired by Matthew Harper and Shahida Mallah</i>		
14:00	<i>British Pharmacological Society</i> sponsored lecture Investigating the off-target effects of the clinical trial candidate PZ-128 – Can novel cyclic pepducins improve pharmacological inhibition?	Margaret Cunningham
14:30	A potential role for Toll-like receptor 7 in increasing thrombopoiesis and upregulating platelet function.	Amie Waller
14:45	Inhibiting platelet scramblase function	Sarah Millington-Burgess
15:00	Regulation of P2Y ₁₂ receptor expression and activity by cAMP-mediated PKA signalling in human platelets	Jawad Khalil
15:15	Novel antiplatelet properties of dietary cucurbitacins	Amanda Unsworth

15:30

Tea & Coffee – *Posters to be displayed*

Session 3: New Ways of Working <i>Chaired by Nick Pugh and Alan Harper</i>		
16:00	Microfluidics: Imagining the impossible and those peculiar platelets Sponsored by <i>Izon Science</i>	Jonathon West
16:30	Multicolour flow cytometry reveals novel platelet subpopulations that are remodelled by cAMP signalling	Matthew Hindle
16:45	Platelet-targeted magnetic nanoparticles enhance the efficacy of thrombolysis	David Cabrera
17:00	Changes in function and proteome of prostaglandin-treated platelets from patients with confirmed or suspected pseudo-hypoparathyroidism type 1a reveals diagnostic potential of the platelet phosphoproteome	Frauke Swieringa
17:15	Analysis of membrane trafficking genes in the regulation of exosome release from platelets	Kirsty Lewis

17:30 **Platelet Society AGM**

18:15 **Poster session**

20:00 **Dinner in Hall**

Friday 13th September

Session 4: Unmet Needs <i>Chaired by Paul Harrison and Sarah Millington-Burgess</i>		
09:30	Current challenges with platelet transfusion Sponsored by <i>Sysmex</i>	Rebecca Cardigan
10:00	Identification of a novel pathway of thrombopoiesis	Holly Foster
10:15	Critical role for platelet Ral GTPases in the regulation of venous thrombosis	Yong Li
10:30	Do the chemokines MDC and TARC to obesity related platelet hyperactivity and cardiovascular disease?	Lucy Goudswaard
10:45	Zinc is an intracellular secondary messenger in platelets	Niaz Ahmed

11:00 **Tea & Coffee**

Session 5: Reaching Out (to Other Cells) <i>Chaired by Alice Pollitt and Tony Walsh</i>		
11:30	Uncovering the role of platelets in anti-Aspergillus immune defense	Benjamin Tischler
11:45	Strain-specific interaction of the periodontopathogen <i>Porphyromonas gingivalis</i> with platelets	Prachi Stafford
12:00	Platelets interact with macrophages via the CLEC-2-podoplanin axis to regulate immune cell trafficking during infection	Joshua Bourne
12:15	Enhanced platelet-endothelial interactions underpin antiretroviral-mediated increased cardiovascular risk	Kirk Taylor
12:30	Platelet-derived microparticles promote breast cancer cell invasiveness	Mauro Vismara
12:45	Platelet C3G regulates angiogenesis in response to hypoxia and enhances melanoma metastasis	Luis Hernández Cano

13:00 **Lunch**

Session 6: Platelets and The Matrix <i>Chaired by Khalid Naseem and Sarah Jones</i>		
14:00	The collagen-binding chaperone HSP47 modulates platelet responses to collagen: identification of HSP47-binding sequences within type II and III collagens	Gemma Little
14:15	FcRgamma mediates CD36-oxidized low-density lipoprotein-induced platelet activation and thrombosis	Lih Cheah
14:30	Synergistic antiplatelet effects of a novel GPVI inhibitor ACT017 when used in combination with aspirin and ticagrelor	Fawaz Alenazy
15:45	<i>Gustav Born Memorial Lecture</i> The role of vessel wall collagens in thrombus formation	Richard Farndale

15:30 **Closing comments and prizes**

16:00 **Meeting ends – see you next time!**



*2nd Platelet Society
Early Career Research Meeting*

Thursday 23rd April 2020

Queen Mary University of London



*Open to PhD students,
Post-Docs and Fellows*

Career session

Oral Presentations

Poster presentations

Flash poster competition

Networking reception

Registration opens:

January 2020

Abstract deadline:

31st January 2020

