University of Birmingham

Dr Paul Harrison BSc, PhD, FRCPath

Senior Lecturer

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About

Paul Harrison is the Healing Foundation Senior Lecturer within the School of Immunity and Infection at the University of Birmingham in the UK. He is a Past- President of the British Society of Haemostasis & Thrombosis (BSHT) and a Past-chairman of the International Society of Thrombosis and Haemostasis (ISTH) Platelet Physiology Scientific and standardization committee. He has published over 130 papers and book chapters/reviews in his field. In 2010 Paul was featured as one of the top 100 healthcare scientists in the UK by the Department of Health.

Qualifications

- Fellow of the Royal College of Pathologists (FRCPath)
- Registered Clinical Scientist
- PhD
- BSc Biochemistry (Toxicology)

Biography

Paul Harrison has over 30 years of experience in research laboratories. His first degree was in Biochemistry from the University of Surrey in 1981 and he specialised in Toxicology. After working as a Clinical Biochemist for 2 years he started his research career in Haemostasis and Thrombosis at St. Thomas's Hospital Medical School in the Coagulation Research Department and obtained his PhD in 1988 from the University of London. After 10 years at St.Thomas's he then became a postdoctoral fellow at the University of Oklahoma before returning to the Haemostasis Research group at University College London in 1995. In 2001 he became a clinical scientist at the Oxford Haemophilia and Thrombosis Centre. In 2013 he was appointed as the Healing foundation senior lecturer at the University of Birmingham. Paul has published over 130 papers and book chapters and is a past President of the British Society of Haemostasis and Thrombosis.

Teaching

- Personal Mentor for Medical Students
- Tutor on the Infection, Immunity and Haematology course for medical students

Postgraduate supervision

- Cell dynamics, microvesicles and Neutrophil Extracellular TRAPs post burn injury (student Robert Dinsdale from October 2013))
- Genotyping and Phenotyping of Platelets (GAPP) (student Rashid Al Ghaithi from September 2014)

FindaPhD (**http://www.findaphd.com/search/ProjectDetails.aspx?PJID=53468&LID=139 (http://www.findaphd.com/search/ProjectDetails.aspx?PJID=53468&LID=139)**
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Research

Paul Harrison is researching into the influence of traumatic injury and burns on the systemic inflammatory response with a particular focus on haemostatic and thrombotic parameters. He is also a member of the Birmingham platelet group and the Genotyping and Phenotyping of Platelets Study (GAPP). His main interests are platelet biology, platelet counting, thrombopoeisis, platelet function testing and microvesicles.

Other activities

- Past-President of the British Society for Haemostasis and Thrombosis
- Past-Chairman of the Platelet Physiology Scientific and Standardization committee of the International Society of Thrombosis and Haemostasis
- Member of the editorial boards for Platelets, Journal of Thrombosis and Haemostasis and International Journal for Laboratory Haematology and an associate editor for the Journal of Extracellular Vesicles
- Winner of 2009 Sysmex Outstanding Science Award, Istanbul, May 2009

- Featured in the publication “Extraordinary You” – as one of top 100 healthcare scientists within the UK by the Department of Health, 2009/2010. **http://www.dh.gov.uk/en/Publicationsandstatistics/Publications/PublicationsPolicyAndGuidance/DH_117580 (http://www.dh.gov.uk/en/Publicationsandstatistics/Publications/PublicationsPolicyAndGuidance/DH_117580)**

Publications

Gresele P, Harrison P, Bury L, Falcinelli E, Gachet C, Hayward C, Kenny D, Mezzano D, Mumford A, Nugent D, Nurden A, Orsini S, Cattaneo M. (2014) Diagnosis of suspected inherited platelet function disorders: results of a worldwide survey. Journal of Thrombosis and Haemostasis. doi: 10.1111/jth.12650. [Epub ahead of print]

Harrison P, Gardiner C, and Sargent I. (2014) Extracellular Vesicles in Health and Disease. Pan Stanford Publishing.

van der Pol E, Coumans FA, Grootemaat AE, Gardiner C, Sargent IL, Harrison P, Sturk A, van Leeuwen TG, Nieuwland R. (2014) Particle size distribution of exosomes and microvesicles by transmission electron microscopy, flow cytometry, nanoparticle tracking analysis, and resistive pulse sensing. Journal of Thrombosis and Haemostasis. 12(7):1182-92.

Estcourt LJ, Stanworth SJ, Harrison P, Powter G, McClure M, Murphy MF, Mumford AD. (2014) Prospective observational cohort study of the association between thromboelastometry, coagulation and platelet parameters and bleeding in patients with haematological malignancies The ATHENA study. British Journal of Haematology. doi: 10.1111/bjh.12928.

Masters A and Harrison P (2014) Platelet counting on the Accuri C6 flow cytometer. Platelets 25(3):175-80.

Cattaneo M, Cerletti C, Harrison P, Hayward CPM, Kenny D, Nugent D, Nurden P, Rao AK, Schmaier AH, Watson SP, Lussana F, Pugliano MT, and Michelson AD (2013) Recommendations for the Standardization of Light Transmission Aggregometry: A Consensus of the Working Party from the Platelet Physiology Subcommittee of SSC/ISTH. Journal of Thrombosis and Haemostasis. doi: 10.1111/jth.12231. [Epub ahead of print]

Harrison P and Lordkipanidzé M (2013) Testing Platelet Function. Hematol Oncol Clin North Am 27(3):411-41

Van Der Pol E, Boing AN, Harrison P, Sturk A and Nieuwland R (2012) Classification, Functions and Clinical Relevance of Extracellular Vesicles. Pharmacological Reviews 64,676-705

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