



# Barts and The London

## School of Medicine and Dentistry

### William Harvey Research Institute Centre for Microvascular Research

### Post-doctoral Research Associate (Ref: QMUL 23556)

Applications are invited for two Wellcome Trust-funded Postdoctoral Research Associate posts to join the laboratory of Professor Sussan Nourshargh within the Centre for Microvascular Research at William Harvey Research Institute, Barts and The London School of Medicine and Dentistry, Queen Mary University of London (QMUL). The positions offer an exciting opportunity for motivated postdoctoral fellows to join a dynamic team of young researchers working at the cutting edge of research on neutrophil trafficking. Specifically, and building on recent findings from the team (e.g. *Girbl et al., Immunity, 2018*; *Owen-Woods et al., J Clin Invest., 2020*; *Barkaway et al., Immunity, 2021*), the present project aims to enhance our knowledge of the aberrant response of neutrophil reverse transmigration in terms of its prevalence, mechanisms and pathophysiological implications. The Nourshargh team employs a multidisciplinary approach to analyse exit of leukocytes from mammalian blood vessels with significant emphasis on the application of advanced microscopy modalities.

The Centre for Microvascular Research, based on the Charterhouse Square Campus of the Medical School, is an internationally respected hub of vascular and inflammation research, offers newly re-furnished laboratories and a cutting edge microscopy facility. The Charterhouse Square Campus is located in the heart of the City of London in close proximity to the Barbican Art and Music Centre and St Paul's Cathedral.

We are looking for outstanding, enthusiastic and independent candidates committed to a scientific career with experience in the fields of inflammation, immunity, vascular biology and/or related disciplines. As well as leading their own projects, candidates are expected to contribute to other projects on a collaborative basis, and guide PhD students in their research. The ability to work in a team is essential. Technical expertise in imaging and/or *in vivo* methodologies will be advantageous. The posts are full-time and fixed term for initially 3 years with a possibility of a further 2 years extension. Starting salary will be in the range £34,220-36,098 per annum inclusive of London Allowance. Benefits include 30 days' annual leave, defined benefit pension scheme and interest-free season ticket loan.

Candidates must be able to demonstrate their eligibility to work in the UK in accordance with the Immigration, Asylum and Nationality Act 2006. Where required this may include entry clearance or continued leave to remain under the Points Based Immigration Scheme.

**Informal enquiries should be addressed to Professor Sussan Nourshargh (s.nourshargh@qmul.ac.uk).**

Details about the Centre for Microvascular Research and the William Harvey Research Institute can be found at <https://www.qmul.ac.uk/whri/people/academic-staff/items/noursharghsussan.html> To apply and for full job details including a job description and person specification please visit <http://www.jobs.qmul.ac.uk/>

Application enquiries can be directed to [recruitment@qmul.ac.uk](mailto:recruitment@qmul.ac.uk)

The closing date for applications is Wed 28 July 2021. Interviews are expected to take place shortly afterwards.