

Imperial College London

Research Associate

Vascular Science
National Heart and Lung Institute

Salary: £33,410 to £36,130 per annum

Applications are invited for the position of Research Associate, to work in the Endothelial Homeostasis Group led by Professor Anna Randi, to study transcriptional regulation of endothelial lineage specification and angiogenesis.

You will work on a BHF-funded project aimed at investigating the cellular and molecular pathways controlled by the transcription factor ERG, a master regulator of endothelial homeostasis and angiogenesis. The project follows our recent discovery of new pathways through which ERG controls angiogenesis and vascular stability (*Birdsey et al., Developmental Cell 2015*). The aim of this project is to identify and functionally validate protein interaction and signalling networks controlled by ERG, and their role in regulating vascular health, angiogenesis and endothelial lineage specification. The project combines *in vitro* biochemistry and molecular cell biology approaches, and will involve endothelial cell culture, molecular and biochemical studies and bioinformatics analysis.

We are seeking a highly motivated scientist to join a collaborative team of basic and translational research scientists interested in vascular biology. You should have a PhD in a relevant biological discipline and have experience in studying signalling pathways. A strong background in molecular and cell biology is essential. Previous experience in angiogenesis research and knowledge of gene transcription pathways and bioinformatics analysis would be desirable. The post will require collaboration with other groups both within and outside the department.

The post is full-time fixed-term until March 26th 2017 and based at the Hammersmith Campus, located in East Acton.

Further information on the group's work can be found at:
<http://www1.imperial.ac.uk/nhli/cardio/vascular/endohome/>

Informal enquiries may be sent to Professor Anna Randi (a.randi@imperial.ac.uk)

Interviews to be held on 8 April 2015

Our preferred method of application is online via our website <http://www3.imperial.ac.uk/employment> (please select "Job Search" then enter the job title or Job reference number into "Keywords"). Please complete and upload an application form as directed.

Alternatively, if you are unable to apply online, please email rb.recruitment@imperial.ac.uk to request an application form.

Job Reference: RB031-15

Closing Date: 23 March 2015 (midnight GMT)

[Imperial Managers lead by example.](#)

Committed to equality and valuing diversity. We are also an Athena SWAN Silver Award winner, a Stonewall Diversity Champion, a Two Ticks Employer and are working in partnership with GIRES to promote respect for trans people.