

One PhD studentship – Available from 1st Jan 2016

A BHF funded PhD studentship position is available to study the signal transduction pathways that regulate the function of blood platelets.

Project title: Coronin is a negative regulator of platelet spreading and thrombus formation

In this project we will investigate the role of the cytoskeleton in the regulation of platelet adhesion, activation and aggregation and its potential influence on development of cardiovascular disease. The studentship provides an excellent opportunity to receive training in basic cell and molecular biology techniques (immunoblotting/immunoprecipitation, flow cytometry, fluorescence/confocal microscopy, proteomics) in the study of cellular signal transduction. The student will join a research team that utilises multidisciplinary approaches to identify new mechanisms regulating platelet function and determine if these newly identified mechanisms can be targets for prevention and treatment of arterial thrombosis.

For further information on the lab and the environment see:

<http://frivero-crespo.wix.com/rivero-lab>

<http://research.hyms.ac.uk/researchcentres/ccmr/research/hull-platelet-research-group>

You will hold

- First-class or Upper-Second-class Honours degree in biochemistry, biomedical sciences, pharmacology or a related area of biological sciences.
- MSc (with distinction) in biochemistry, biomedical sciences, pharmacology or a related area of biological sciences.

Start date: Available from 1st January 2016

Closing date: 31/10/2015

Interview date: TBA

Post type: full-time studentships

Stipend: £24,000 per year

Fees: to cover Home/EU student fees.

Informal enquiries:

Dr. Francisco Rivero (Francisco.rivero@hyms.ac.uk)