**PhD Opportunities**

**Post Title:** Self-funded PhD  
**Status:** 3-4 years  
**Dept/Faculty:** Pharmacology & Therapeutics, Trinity College Dublin, 

Opportunities are available to students with funding to undertake a 3-4 year PhD within the Department of Pharmacology and Therapeutics, Trinity College Dublin. The successful candidate will join a dynamic research team, which is focussed on the role of protein phosphatases and their endogenous inhibitors in vascular disease.

Two PhD projects are available:

- The first will investigate the role of CIP2A and SET, which are endogenous inhibitors of protein phosphatase 2A, on the response to hypoxia in human primary smooth muscle, endothelial and ventricular cardiomyocytes.
- The second will examine how CIP2A and SET are involved in modulating paracellular permeability of the brain microvasculature during inflammation using a co-culture model.

The ideal candidate(s) will have a primary degree (minimum 2.1 honours or equivalent) in a biomedical or related science and satisfy the entrance requirements for Trinity College Dublin. We are looking for an enthusiastic person who is self-motivated and can work within a multidisciplinary team.

Informal enquiries can be made to Dr Paul Spiers (paul.spiers@tcd.ie; +353-1-8962146).

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**TRINITY COLLEGE IS AN EQUAL OPPORTUNITIES EMPLOYER**