



Panoz Pharmaceutical Innovation PhD scholarships

Panoz Pharmaceutical Innovation PhD Scholarships

The Panoz Scholarship Programme is designed to promote leadership in pharmaceutical innovation and to support outstanding young scholars to study Pharmaceutical Sciences in Trinity. We are seeking to recruit three outstanding student scientists to a unique four year fully funded structured PhD. All students on the programme will receive training in research integrity, will be exposed to world leading speakers in the School of Pharmacy & Pharmaceutical Sciences Research Seminar Series and will take one of the full Postgraduate Certificates in Innovation offered by Tangent as they develop their PhD projects. Information on the three exciting projects we are recruiting for is below.

To apply for one of these fully funded PhD Scholarships please complete the application form [here](#) on or before Friday 16th July 2021. Candidates will be shortlisted and interviewed (over Zoom) during late July and the expected start date for this programme is September 2021.

Project 1 Title: Mechanistic and targeting studies on orellanine as a potential treatment of Clear Cell Renal Cell Carcinoma

The work will also encompass studies to identify the specific transporter that mediates cellular uptake of the natural product, in both free and conjugate form. A range of studies will be conducted to determine the selectivity of the conjugates for both primary and metastatic renal carcinoma cells.

Post Title: PhD Studentship

Research Group: Dr John J. Walsh, School of Pharmacy and Pharmaceutical Sciences, Trinity College Dublin, the University of Dublin

Location: The School of Pharmacy & Pharmaceutical Sciences, Panoz Institute, Trinity College Dublin, the University of Dublin, College Green, Dublin 2, Ireland

Reports to: Dr John J. Walsh, Prof. Carsten Ehrhardt

Terms & Conditions: Full fees and SFI stipend rate of €18,500 per year. Provision for purchase of laptop in year 1 and contribution toward research conference



travel costs each year.

Hours of Work: This is a full-time position with normal working hours.

Closing Date: 16th July 2021

Project 2 Title: Let's get moving on nanomedicine for Parkinson's disease: Development of a nanotheranostic targeting synuclein related neuroinflammation and degeneration.

This is a collaborative project to be undertaken under the joint supervision of Professors Eduardo Ruiz-Hernandez (Pharmaceutical Chemistry of Nanocarrier Drug Delivery Systems) and Andrew Harkin (Neuropharmacology), bringing together a set of skills and expertise that expand current research efforts. The project will be undertaken in the School of Pharmacy and Pharmaceutical Sciences & Trinity College Institute of Neuroscience

Post Title: PhD Studentship

Research Group: Pharmaceutical Chemistry of Nanocarrier Drug Delivery Systems (PI: Ruiz Hernandez) and Neuropharmacology (PI: Harkin) Research Groups/ School of Pharmacy & Pharmaceutical Sciences/Trinity College Dublin, the University of Dublin

Location: The School of Pharmacy & Pharmaceutical Sciences, Panoz Institute, Trinity College Dublin, the University of Dublin, College Green, Dublin 2, Ireland

Reports to: Andrew Harkin (PI), Eduardo Ruiz Hernandez (Co-PI)

Terms & Conditions: full fees and stipend rate of €18,500 per year

Hours of Work: 40 hours per week

Closing Date: 16th July 2021

Project 3 Title: Skin Lipids in Contact Allergy (SLICK).

We will investigate the effects of contact allergens on skin lipids, production of lipid hydroperoxides and subsequent effects on immunogenicity, focusing on recognition by the lipid-antigen presenting molecules CD1a and CD1d. We are particularly interested in the generation of lipid hydroperoxides by radical mechanisms. The vision of this project is to deliver ground-breaking knowledge about lipid-allergen interactions in skin. This would dramatically improve our knowledge of the underlying mechanism of skin allergy, paving the way for pharmaceutical innovations in the diagnosis and treatment of ACD.

The candidate will be a PhD student working on SLICK in the dynamic environment of Trinity Biomedical Sciences Institute (TBSI) and will have the opportunity to participate in training courses, workshops, and conferences. Prof. Derek Doherty



Coláiste na Tríonóide, Baile Átha Cliath
Trinity College Dublin

Ollscoil Átha Cliath | The University of Dublin

(Professor of Immunology, School of Medicine) and Prof. John Gilmer (School of Pharmacy and Pharmaceutical Sciences) will co-supervise the research project.

Post Title: PhD Studentship

Research Group: O'Boyle Research Group, Trinity College Dublin, the University of Dublin **Location:** The School of Pharmacy & Pharmaceutical Sciences, Panoz Institute, Trinity College Dublin, the University of Dublin, College Green, Dublin 2, Ireland

Reports to: Dr. Niamh O'Boyle

Terms & Conditions: Full fees and stipend of €18,500 per year for 4 years. Provision for purchase of laptop in year 1 and contribution toward research conference travel costs each year.

Hours of Work: This is a full-time position with normal working hours.

Closing Date: 16th July 2021

Scoil na Cógaisíochta agus na nEolaíochtaí
Cógaisíochta

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Coláiste na Tríonóide,
Baile Átha Cliath,
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