



## 2021 PhD Scholarship – ARC Centre for Personalised Therapeutics Technologies

### **The Opportunity**

We are looking for a highly motivated, passionate and competitive candidate for a 4-year (max) fully funded PhD position in the ARC Centre for Personalised Therapeutics Technologies. The successful candidate will join the Centre, directed by Professor Alastair Stewart, which is a collaborative venture of The University of Melbourne (Department of Biochemistry & Pharmacology), Monash University (Monash Institute of Pharmaceutical Sciences), and the University of Western Australia and its industry partners.

### **About the Position**

The successful applicant will be working in a multidisciplinary research team in the ARC Centre for Personalised Therapeutics Technologies (CPTT), where we are working with our partners to advance and deploy new technologies that will remove long-standing barriers to new drug discovery and development, and excitingly, provide opportunities for highly effective personalised treatments.

Our Doctoral Training Program will equip the successful graduate with critical skills required for drug discovery and development. The CPTT fosters close partnerships between our university-based researchers and industry-based research end-users to provide transformative research programs and innovative doctoral training. Projects may include combinations of biochemistry, pharmacology, medicinal chemistry, engineering, or related discipline.

The position will come with a 3-year stipend of \$31,828 with the possibility of a six-month extension. Additionally, the candidate will be placed with one of our Centre's industry partners for an internship position, making them more competitive for employment at the completion of their PhD.

### **The Project**

The project relates to development and refinement of technology enabling more physiological drug screening and will include creation of models of drug action using 3D perfused micro-tissues using proprietary or customised instruments. Project will focus on biomedical science skills and suit an applicant with qualification in pharmacology or a related field.

### **The Applicant**

Applicants will have a have completed tertiary studies that are equivalent to a 4-year honours degree at an Australian university with a minimum result equivalent to a first-class Honours (80%). The appointee must commence in semester 1 of 2021 and we are seeking someone with expertise and experience in biomedicine or other relevant biological sciences. Applicants must fulfil the PhD admission criteria for The University of Melbourne, including meeting English language requirements, and demonstrating excellent capacity and potential for research. Demonstration of research ability through publication output in peer reviewed international journals is desirable.

- You must have the right to live and work in Australia to apply for this scholarship and be able to take up the opportunity by April 2021.

## **The University of Melbourne PhD Supervisory Team**

Professor Alastair Stewart

Dr Susan Northfield

### **Applications**

Expressions of interest for the CPTT PhD scholarship are open now.

Candidates must include the following when submitting a formal application:

- Resume
- Cover Letter, stating your skills and experiences, areas of interest and expertise, and compelling reasons why you think you're suitable for a PhD in the ARC CPTT
- Academic Transcript
- Contact details for two referees

Submissions should be made by direct email to: [therapeutics-technologies@unimelb.edu.au](mailto:therapeutics-technologies@unimelb.edu.au) with the subject line "Application for CPTT PhD Scholarship"

Competitive candidates will be invited to interview with Prof Alastair Stewart. If successful you will be instructed to apply to the Graduate School for Admission.

### **Enquiries**

Informal inquiries are strongly encouraged and should be directed to the Centre Manager, Dr Susan Northfield at [therapeutics-technologies@unimelb.edu.au](mailto:therapeutics-technologies@unimelb.edu.au)

### **Closing Date for Applications**

Sunday 21 February 2021, 11:59 pm AEDT