

Work Based Learning (WBL) Placement Description

Host Details

Host Organisation	Imunexus Therapeutics Ltd
Placement Title	Research Technician
Placement Location	Onsite
Address (if onsite)	Room 321, Level 3, LIMS2 Building, LTU Bundoora Campus
Primary Supervisor Name	Ross Westen
Position Title	Postdoctoral Scientist & Laboratory Manager
Host Organisation Website	Imunexus Therapeutics Ltd

Host Organisation Background:

Imunexus Therapeutics Ltd (Imunexus) is a biologics company with a unique approach to drug development that is centered around proprietary technology that facilitates rapid, cost-effective, lower risk, generation of therapeutics. Imunexus converts existing monoclonal antibodies (referred to as the parent) into multispecifics that have additional therapeutic utilities relative to the parent antibody. This strategy targets addressable markets with proven therapeutic targets, de-risking both development and commercialisation. Imunexus is applying its unique platform to develop multispecific antibody drug candidates for the treatment of a number of cancer indications, autoimmune diseases and other life-threatening illnesses.

Placement Details

Placement Semester/Term	Semester 1 2025
Start Date	3 March 2025
End Date	30 May 2025
Days/hours per week	To be discussed with successful candidate
Hours (total)	100 hours
Placement Type	Unpaid

The host and successful student will have an opportunity to negotiate placement start and end dates, as well as days of the week that align to the Term or Semester dates that the student is enrolled in prior to commencing the placement.

Desired Course Discipline/Background

Students should be studying within the biological sciences, biochemistry, microbiology, genetics or biomedicine fields of study.

Key Duties and Responsibilities

Placement will be in the laboratories of Imunexus working on aspects of the Company's internal projects. The objective is to familiarize the student with certain aspects of laboratory work.

Student will undertake basic molecular biology and protein chemistry experiments which may include:

- Molecular cloning – restriction digests, Gibson Assembly, gel electrophoresis, sequence analysis.
- Bacterial transformation, DNA extraction and quantification.
- Protein expression, characterisation and purification in a bacterial system – periplasmic extractions, SDS-PAGE electrophoresis, Western Analysis, affinity chromatography, size-exclusion chromatography, protein assay for quantification, immunological assays (ELISA).

Students will also participate in experimental analysis and documentation, lab meetings (where the students contact hours permit) and general laboratory tasks.

Selection Criteria

Essential:

- Previous exposure to lab-based practicals.
- Flexibility in available hours – some experiments will require sequential days to complete.
- Attentive with clear ability to focus on tasks and well-developed time management skills.
- Demonstrated ability to work as a team and independently.
- Very good verbal communication skills.

Desired:

- Expertise in computer software programs including Word, Excel, PowerPoint.

Pre-Placement Compliance Checks & Requirements

- Police Check
- Working With Children Check (WWCC)
- Student Placement Deed
- None

Work Based Learning (WBL) – Subject Information and Requirements

Subject Code	LTU3IND
Subject Information	LTU3IND Handbook
Subject Prerequisites	<ul style="list-style-type: none">• Completed 120 credit points of your degree• Have 1 elective space in your course plan

How to Apply

Application Deadline: 3 November 2024

Application Instructions:

Please provide:

- CV/Resume
- Cover letter. Please address why you are interested in this placement opportunity.
- Apply through the following link: [Industry Placement Application Form, Careers and Opportunities, La Trobe University](#)

For help with your cover letter and resume - [Resumes and job applications, Careers and Opportunities, LTU](#)

Thank you for considering a Work Based Learning Placement!