Position Description

Position Title:	Research Associate
Position Classification:	Level A
Position Number:	NEW
Faculty/Office:	Faculty of Science
School/Division:	School of Molecular Sciences
Centre/Section:	
Supervisor Title:	Associate Professor
Supervisor Position Number:	311684

Your work area

The School of Molecular Sciences is a large, research intensive school with 100 staff, 100 PhD students, and more than 600 undergraduate students. The School is committed to achieving international excellence in teaching, research and service, with activity spanning Chemistry, Biochemistry, Molecular Biology and Molecular Genetics.

The Plant Biological Chemistry Laboratory is comprised of a mix of protein biochemists, geneticists and bioinformaticians, forming a multi-disciplinary team environment undertaking a diverse range of plant biochemistry, protein evolution and chemistry research projects.

Reporting structure

Reports to: Joshua Mylne, Associate Professor

Your role

As the appointee you will undertake innovative laboratory-based research in a team environment to identify and study novel herbicide targets. Your primary aim will be to use biochemical (e.g. recombinant proteins, protein crystallography, enzyme assays) approaches to further our understanding.

The position will permit extensive collaboration within the multidisciplinary and collaborative environment of the Plant Biological Chemistry Laboratory, the School of Molecular Sciences and the ARC Centre of Excellence in Plant Energy Biology.

In addition, the appointee will also be encouraged to develop their own research ideas along the lines of the research interests of the group.

Your key responsibilities

Design, execute and analyse research on novel herbicide targets

Maintain fastidious records of biologicals generated

Attend and contribute to regular lab, School and Plant Energy Biology meetings

Co-supervise and train post-graduate students in the Plant Biological Chemistry Laboratory

Seek opportunities to collaborate with scientists from the School of Molecular Sciences and the ARC Centre of Excellence in Plant Energy Biology

Other duties as required

Your specific work capabilities (selection criteria)

PhD in Biochemistry, Molecular Biology or related discipline

Experience in recombinant protein production

Experience in protein biochemistry, enzymology, structural enzymology, protein crystallography, chemical biology, structural biology (preferred)

Good interpersonal skills and the ability to work well independently and within a team

Good computing and data management skills

Experience preparing manuscripts for publication in international journals and supervising students

Compliance

Workplace Health & Safety

All supervising staff are required to undertake effective measures to ensure compliance with the Occupational Safety and Health Act 1984 and related University requirements (including Safety, Health and Wellbeing Objectives and Targets).

All staff must comply with requirements of the Occupational Safety and Health Act and all reasonable directives given in relation to health and safety at work, to ensure compliance with University and Legislative health and safety requirements. Details of the safety obligations can be accessed at http://www.safety.uwa.edu.au

Inclusion & Diversity

All staff members are required to comply with the University's Code of Ethics, Code of Conduct and Inclusion and Diversity principles. Details of the University policies on these can be accessed at http://www.hr.uwa.edu.au/policies/policies/conduct/code, http://www.web.uwa.edu.au/inclusion-diversity.