



Position Title:	Research Officer
Position Classification:	Level 5/6
Position Number:	317168
Faculty/Office:	Faculty of Health and Medical Sciences
School/Division:	UWA Centre for Medical Research
Centre/Section:	Harry Perkins Institute of Medical Research
Supervisor Title:	Principal Research Fellow
Supervisor Position Number:	304885

Your work area

This position is part of the UWA Centre for Medical Research within the Faculty of Health and Medical Sciences based at Harry Perkins Institute of Medical Research (Perkins) in Nedlands. The Centre has significant links across the Western Australia health sector and provides teaching to undergraduate and postgraduate students across the medical disciplines. A core priority is medical and clinical research and a number of substantial research groups are based in the Centre's laboratories.

Reporting Structure

Reports to: Principal Research Fellow

Direct Reports: nil

Your role

As the appointee you will, under limited direction, undertake grant-funded research in the Laboratory for Vascular Biology and Stromal Targeting, with a focus on developing new combination (immune) therapies in preclinical tumour models.

Your key responsibilities

Conducts research on the tumour microenvironment and response to therapy using preclinical (murine) cancer models

Produces recombinant proteins, designs and executes combination therapies

Analyses the tumour microenvironment using standard technologies including immunohistochemistry, immunoblotting, quantitative PCR and flow cytometry

Establishes organ culture models to study mechanisms of stromal remodelling ex vivo

Maintains genetically modified mouse colonies

Records, analyses and interprets results

Conducts literature reviews and establishes new techniques as required

Provides training and assistance to staff/students

Communicates on all aspects of the project with investigators, associates and students on a regular basis

Other duties as directed

Your specific work capabilities (selection criteria)

Degree in Biology or related discipline

Considerable relevant research experience at an appropriate level

Demonstrated experience in working with mouse models, preferentially cancer models

Demonstrated skills in tissue analysis (tissue sectioning, immunohistochemistry, fluorescent microscopy etc.)

High level competency in molecular biology techniques including protein expression, immunoblotting and quantitative PCR

Ability to work independently, show initiative and work productively as part of a team

Highly developed written and verbal communication skills

Special Requirements

Obtain permission to use animals for research

Comply with Human and Animal Ethics requirements

Some out of hours work may be required

Compliance

Workplace Health and 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 and Diversity

All staff members are required to comply with the University's Code of Ethics and 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/publications/code_of_ethics; <http://www.web.uwa.edu.au/inclusion-diversity>