POSITION DESCRIPTION

Research Associate

Position Level | A
Faculty/Division | Science
Position Number | 00028915
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Position Summary
A Research Associate (Level A) is expected to contribute towards the research effort of UNSW and to develop their research expertise through the pursuit of defined projects relevant to their particular field of research.

The main aims of the Research Associate are to carry out research on small molecule drug discovery in the area of metabolic diseases including obesity, fatty liver disease, diabetes, and ageing. This project will involve working with mice and coordination of mouse studies across multiple projects. The Research Associate is also expected to provide lab management support, lab upkeep, and assist in the induction and supervision of students and staff as required.

The role of Research Associate reports to A/Professor Kyle Hoehn and has no direct reports.

Accountabilities
Specific accountabilities for this role include:

- Conduct high quality research (as per the norms of the discipline) to create scholarly output that is rigorous, reproducible, and recognised by peers.
- Conduct research in the area of drug discovery and/or mouse models of metabolic disease and ageing.
Undertake techniques including, but not limited to: mouse handling and drug delivery; animal diet formulation from scratch; blood collection; EchoMRI analysis; Oxymax CLAMS analysis, and mass spectrometry to measure drug levels.

Support the dissemination of research outcomes through appropriate channels and outlets.

Carry out other research and/or laboratory related duties as directed by supervisor.

Undertake discipline-appropriate research activities, e.g. surveys, literature reviews, data gathering and/or recording of results using appropriate research methods.

Mentor/supervise other peers, students, and staff in the context of research activities.

Participate in and/or present at conferences and/or workshops relevant to the project as required.

Align with and actively demonstrate the UNSW Values in Action: Our Behaviours and the UNSW Code of Conduct.

Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health and safety of yourself or others.

Proactively keeping up to date with discipline knowledge.

**Skills and Experience**

- A PhD degree in physiology, biochemistry, or a related discipline, and/or relevant work experience.
- Research experience in mouse models of metabolic diseases or ageing.
- Expertise in mouse handling, monitoring, oral gavage dosing, blood collection, EchoMRI, and/or small molecule mass spectrometry are essential for this position.
- Experience with mouse models of metabolic diseases or ageing.
- Demonstrated ability to undertake high quality academic research.
- Demonstrated ability to work in a team, collaborate across disciplines and build effective relationships.
- Evidence of highly developed interpersonal skills.
- Demonstrated ability to communicate and interact with a diverse range of stakeholders and students.
- An understanding of and commitment to UNSW’s aims, objectives and values in action, together with relevant policies and guidelines.
- Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training.

**Pre-employment checks required for this position**

- Verification of qualifications
This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.