## Position Description

### Post-doctoral Fellow

<table>
<thead>
<tr>
<th>Position Level</th>
<th>A</th>
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<tbody>
<tr>
<td>Faculty/Division</td>
<td>Medicine &amp; Health</td>
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<tr>
<td>Position Number</td>
<td>00098733</td>
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<td>Original document creation</td>
<td>02/11/2021</td>
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### Position Summary

A Post-doctoral Fellow position is available that is partly funded by the National Health and Medical Research Council (NHMRC) of Australia. The person employed in this position will investigate roles for intracellular calcium signalling in adult stem cell biology, with a particular focus on the mammary gland and mammalian reproduction. The position is based in the Ca²⁺ Signalling Laboratory at the EMBL Australia Node for Single Molecule Science (SMS) at UNSW.

The role of Research Associate/Post-Doctoral Fellow will report to the Single Molecule Science Group Leader and has no direct reports.

### Accountabilities

Specific accountabilities for this role include:

- Contribute to the design and execution of experiments, always ensuring that research is conducted to the highest ethical and methodological standards.
- Analyse and interpret data and communicate to the project leader.
- Maintain detailed experimental notes and protocols.
- Take an active role in the preparation of manuscripts, abstracts, posters and grant/fellowship applications, as appropriate.
• Assist in the application of competitive travel awards to attend national and/or international meetings to present research findings to the wider scientific community.
• Assist with training and supervising research staff and students.
• Assist in the design and implementation of science outreach and communication events.
• Establish and maintain collaborations with potential and current research partners.
• Contribute to the administrative functions primarily connected to the area of research.
• 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.

Skills and Experience
• A PhD in cell biology, mammary biology or reproductive biology.
• Demonstrated expertise in animal experimentation (essential), including handling, i/p injections, oral gavage, surgery.
• Experience with histological preparation and analysis and genotyping PCRs (preferred).
• Demonstrated ability to undertake high quality academic research and conduct independent research with limited supervision.
• Demonstrated track record of high-quality publications and conference presentations relative to opportunity.
• 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

About this document
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.