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| Position Title | Research Associate |
| Classification | Level A |
| School/Division | School of Biomedical Sciences |
| Centre/Section | |
| Supervisor Title | Professor |
| Supervisor Position Number | 319246 |
| Position Number | 322420 |

Your work area

The National Centre for Asbestos Related Diseases (NCARD) is a National Health and Medical Research Council's (NHMRC) Centre for Research Excellence within the University of Western Australia and Centre for Respiratory Health.

Reporting structure

Reports to: Lecturer (Clinical Skills and Clinical Preparation)

Your role

As the appointee you will perform laboratory experiments, under the limited direction of the principal investigators. The project will involve tumour immunology, animal handling, mRNA vaccination, flow cytometry, molecular biology, tissue culture and general laboratory experiments.

As the appointee you will contribute to the initial planning, design, coordination and analysis of research experiments and activities in conjunction with the principal investigators.

Your key responsibilities

Undertake laboratory-based research as part of a specialised team with a focus on cancer vaccination and immunology.

Write ethics applications and progress reports and assist with preparation of grant applications

Plan and implement the preparation of scientific manuscripts for publication in peer reviewed journals

Assist in supporting the ongoing activities of the NCARD team, including supervision of students and junior staff and the development and maintenance of appropriate databases and electronic lab notebooks

To independently stay abreast of current scientific literature in the field and emerging research areas

Other duties as directed

Your specific work capabilities (selection criteria)

Postgraduate (PhD) in biomedical science

Experience in a range of immunological assays

Substantial relevant experience in writing scientific manuscripts and reports

Highly developed written and verbal communication skills

Highly developed organisational skills with the demonstrated ability to set priorities and to meet deadlines

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

Desirable:

Multi-parameter flow cytometry

Immunological assays (T-cell expansion, ELISA, ELISpot, TCR and single cell sequencing)

Tissue culture, transfection (mRNA), protein expression studies and microscopy

Experience with small animal models of disease

Experience with cell culture (i.e. splitting, feeding and cryopreservation of cell lines)

Experience in basic laboratory skill, e.g., preparation of solutions

Experience in recording and analysing experimental results

Experience with the training and supervision of staff/students

Compliance

Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including:

To learn more about the Code of Conduct, see [Code of Conduct](#).

To learn more about Diversity, Equity and Inclusion, see [Diversity, Equity and Inclusion](#).

To learn more about Safety, Health and Wellbeing, see [Safety, Health and Wellbeing](#).