



SENIOR RESEARCH OFFICER

DEPARTMENT/UNIT	School of Biomedical Sciences / oNKo-innate
FACULTY/DIVISION	Faculty of Medicine, Nursing and Health Sciences
CLASSIFICATION	HEW Level 7
DESIGNATED CAMPUS OR LOCATION	Clayton campus

ORGANISATIONAL CONTEXT

Monash is a university of transformation, progress and optimism. Our people are our most valued asset, with our academics among the best in the world and our professional staff revolutionising the way we operate as an organisation. For more information about our University and our exciting future, please visit www.monash.edu.

The **Faculty of Medicine, Nursing and Health Sciences**, is the largest faculty at Monash University, and offers the most comprehensive suite of professional health training in Victoria. We consistently rank in the top 40 universities worldwide for clinical, pre-clinical and health sciences.

We want to improve the human condition. That is our vision - it has no expiration date. Through academic health centres, other translational models and by educating the healthcare workforce of the future, our staff, students and alumni directly improve quality of life.

Setting the global health care agenda, the Faculty aspires to lead in all areas of research activity and influence local, national and international policy to improve health and social outcomes and health inequalities. We've made a major impact in the world of medical research and become globally recognised for our quality education of over 41,000 doctors, nurses, and allied health professionals.

We are ambitious and aim to maintain our position as a leading international medical research university. We're recognised for the breadth and depth of our research, for our commitment to translational research, for the quality and scale of our research capability, and as a thriving biotechnology hub.

To learn more about the Faculty, please visit www.monash.edu/medicine.

The **Monash Biomedicine Discovery Institute (BDI)** is one of the largest and most dynamic biomedical research and teaching environments in Australia. The Institute and its cognate Departments of Anatomy and Developmental Biology, Biochemistry and Molecular Biology, Microbiology, Pharmacology and Physiology comprise over 120 research groups and deliver discipline-focused teaching into our flagship Bachelor of Biomedical Science Degree, the Bachelor of Science Degree, as well as the Medical School and various Health-

related Degree Programs. We pride ourselves on an excellent and evolving teaching curriculum and provide world-class teaching and learning space for Biomedical Sciences.

The BDI comprises six inter-disciplinary health-focused research Programs, each led by a renowned leader in the field. The BDI programs include Infection and Immunity, Cancer, Cardiovascular Disease, Development and Stem Cells, Metabolism, Diabetes and Obesity and Neuroscience. The BDI works closely with clinical and drug development precincts at Monash and has a number of major industry partnerships to facilitate the translation of our research. For more information about the BDI please visit our website at www.monash.edu/discovery-institute.

oNko-innate Pty Ltd, founded by Prof Nicholas Huntington and Dr Jai Rautela, is a discovery-stage biotechnology company dedicated to target identification and pre-clinical immuno-oncology drug development. At oNko-innate we believe that the next major advances in cancer immunotherapy will result from strategies that recruit, integrate and activate a more diverse immune response. With our leading understanding of Natural Killer “NK” cells as a key coordinator of efficient anti-tumor immunity, we are identifying and developing the next generation of immunotherapies. Please visit www.onko-innate.com to find out more.

POSITION PURPOSE

The Senior Research Officer is responsible for performing and overseeing high-quality research within the Biologics team at oNko-innate. The Biologics team runs an innovative research program focused on discovery and commercialisation of biologics within the field of immuno-oncology. The Senior Research Officer performs a range of significant and complex research activities that play a critical role in advancing the activities of the Biologics team. This includes overseeing and undertaking tasks including but not limited to mammalian cell culture, molecular biology, large scale protein production/purification, protein biophysical characterisation and cellular assays. The Senior Research Officer will also be involved in contributing to experimental design, data analysis and research administration, while ensuring a compliant and safe research environment.

The Senior Research Officer is a subject matter expert and provides specialist advice to clients, stakeholders and colleagues and delivers efficient research services in accordance with research protocols and standards.

Reporting Line: The position reports to the oNko-innate Biologics Director

Supervisory Responsibilities: Not applicable

Financial Delegation: Not applicable

Budgetary Responsibilities: Not applicable

KEY RESPONSIBILITIES

1. Oversee and administer the delivery of a high-quality research project or program including applying research methodology, conducting trials and experiments, data analysis, interpretation of results and reporting to meet research objectives, timeframes, protocols and regulatory compliance requirements
2. Provide specialist and technical advice and/or training to clients, staff, students and other stakeholders in the area/s of research specialisation
3. Develop and maintain up-to-date specialist knowledge of new and innovative research methodology, equipment, technology, data management and analysis in the field of research specialisation
4. Oversee and co-ordinate the day-to-day operations of the research program or project including experiments, testing or data collection activities, overseeing OHS or patient safety measures, maintaining equipment and materials, waste disposal and ordering of supplies
5. Build and sustain partnerships, collaborations and networks with academic and other staff, relevant research bodies, service providers and functional areas
6. Other duties as directed from time to time

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
 - A degree qualification in a relevant field with extensive relevant experience; or
 - extensive experience and management expertise in technical or administrative fields; or
 - an equivalent combination of relevant experience and/or education/training

Knowledge and Skills

2. Highly-developed planning and organisational skills, with experience establishing priorities, implementing improvements and meeting deadlines
3. Demonstrated project management skills, with a proven record of successfully supporting research projects through to completion
4. Demonstrated ability to work as an effective member of a team as well as the ability to exercise high levels of independence, judgement and initiative
5. Demonstrated analytical, research and problem solving skills and the ability to identify and recommend solutions to challenging issues
6. Highly-developed interpersonal and communication skills with the ability to prepare professional documentation for various audiences and provide expert advice in areas of specialist or research knowledge
7. Experience in mammalian cell culture maintenance and large scale protein expression in prokaryotic and eukaryotic systems (using E.coli, insect cells and/or mammalian cells)
8. Experience in molecular biology techniques (PCR, cloning, site directed mutagenesis) and cellular assays and assay development
9. Experience in diverse protein purification approaches (e.g. size exclusion, ion exchange, hydrophobic interaction, antibody affinity chromatography) and protein characterisation
10. Experience in multicolour flow cytometry
11. Experience with antibody phage display

OTHER JOB RELATED INFORMATION

- Travel to other campuses of the University may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted

GOVERNANCE

Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.