RESEARCH FELLOW

DEPARTMENT/UNIT
Australian Centre for Blood Diseases

FACULTY/DIVISION
Faculty of Medicine, Nursing and Health Sciences

CLASSIFICATION
Level A

DESIGNATED CAMPUS OR LOCATION
The Alfred Centre

ORGANISATIONAL CONTEXT

Everyone needs a platform to launch a satisfying career. At Monash, we give you the space and support to take your career in all kinds of exciting new directions. You’ll have access to quality research, infrastructure and learning facilities, opportunities to collaborate internationally, as well as the grants you’ll need to publish your work. We’re a university full of energetic and enthusiastic minds, driven to challenge what’s expected, expand what we know, and learn from other inspiring, empowering thinkers. Discover more at 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.

Central Clinical School encompasses the Departments of Anaesthesia and Perioperative Medicine, Clinical Haematology, Immunology and Pathology, Infectious Diseases, Gastroenterology, Allergy and Respiratory Medicine, Medicine and Surgery. CCS also includes the Melbourne Sexual Health Centre, Monash Alfred Psychiatry research centre and the National Trauma Research Institute. It is located at the Alfred Hospital precinct in Melbourne, known as AMREP (Alfred Medical Research and Education Precinct). The school is involved in teaching students from both the Faculty of Medicine, Nursing and Health Sciences and the Faculty of Science and its teaching and research is conducted at Alfred Health, Cabrini, Epworth Richmond, Peninsula Health and at Clayton.
The Australian Centre for Blood Diseases (ACBD), in Monash’s Central Clinical School, aims to provide excellence in the diagnosis and treatment of blood conditions as well as play a leading role in the advancement of knowledge in this increasingly important area of Medicine. The ACBD is affiliated with The Alfred’s Haematology Department.

**POSITION PURPOSE**

A Level A research-only academic is expected to contribute towards the research effort of the University and to develop their research expertise through the pursuit of defined projects relevant to the particular field of research.

The position is to assist with the research program in the Nanobiotechnology laboratory of Associate Professor Christoph Hagemeyer. The research program focusses on imaging techniques to better understand the underlying mechanisms of different disease progression and the impact of therapy. The laboratory is housed within the vibrant Alfred Medical Research and Education Precinct (AMREP), which brings together a diverse cross-section of researchers with a breadth of expertise and affords access to a range of high technology platforms. This position offers the unique opportunity to work in a highly collaborative and intellectually stimulating environment.

The successful researcher will have a PhD in molecular or cell biology or equivalent and will be capable of working in an independent manner within an existing team. You will be responsible for the day-to-day conduct of the research projects and be involved in all aspects of the research including ethics submissions, experimental methods development, analysis of results and the preparation of the data for reporting in conference presentations and scientific papers. You will be assisting in training undergraduate and postgraduate students. It would be advantageous if you have further experience with a variety of in vitro assays and techniques including immunohistochemistry, antibody production and small animal (mouse) experimentation as well as molecular imaging. The appointee will be required to cooperate closely with other members of the research laboratories and with other laboratories in the department and surrounding research institutes.

The Research Fellow will have experience with molecular and protein biology including SDS, WB, PCR, experience in the production and purification of antibodies and other proteins and cell culture and FACS. The Research Fellow will also have experience with small animal experimentation, immunohistochemistry and molecular imaging across modalities (PET, MRI, Ultrasound).

**Reporting Line:** The position reports to Associate Professor, Australian Centre for Blood Diseases

**Supervisory Responsibilities:** Not applicable

**Financial Delegation:** Not applicable

**Budgetary Responsibilities:** Not applicable

**KEY RESPONSIBILITIES**

Specific duties required of a Level A research-only academic may include:

1. The conduct of research under limited supervision either as a member of a team or, where appropriate, independently and the production or contribution to the production of conference and seminar papers and publications from that research

2. Involvement in professional activities including, subject to availability of funds, attendance at conferences and seminars in the field of expertise

3. Limited administrative functions primarily connected with the area of research of the academic

4. Development of a limited amount of research-related material for teaching or other purposes with appropriate guidance from other staff

5. Occasional contributions to teaching in relation to their research project(s)

6. Experimental design and operation of advanced laboratory and technical equipment or conduct of advanced research procedures
7. Attendance at meetings associated with research or the work of the organisational unit to which the research is connected and/or at departmental, school and/or faculty meetings and/or membership of a limited number of committees
8. Advice within the field of the staff member's research to postgraduate students
9. Other duties as directed from time to time

KEY SELECTION CRITERIA

Education/Qualifications
1. The appointee will have:
   - an honours degree in the relevant discipline or have equivalent qualifications or research experience; or
   - an honours degree or higher qualifications in the relevant discipline and/or progress towards a doctorate in the relevant discipline; or
   - a doctoral qualification in the relevant discipline (Biology or Chemistry) or a closely related field

Knowledge and Skills
2. Demonstrated analytical and manuscript preparation skills; including a track record of refereed research publications
3. Ability to solve complex problems by using discretion, innovation and the exercise diagnostic skills and/or expertise
4. Well-developed planning and organisational skills, with the ability to prioritise multiple tasks and set and meet deadlines
5. Excellent written communication and verbal communication skills with proven ability to produce clear, succinct reports and documents
6. A demonstrated awareness of the principles of confidentiality, privacy and information handling
7. A demonstrated capacity to work in a collegiate manner with other staff in the workplace
8. Demonstrated computer literacy and proficiency in the production of high level work using software such as Microsoft Office applications and specified University software programs, with the capability and willingness to learn new packages as appropriate

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.