

Postdoctoral Research Fellow

College/Division	College of Health and Medicine
School/Section	Wicking Dementia Research & Education Centre
Location	Hobart
Classification	Academic Level A
Reporting line	Associate Professor Anthony Cook

Position Summary

The University of Tasmania is building a vision of a place-based University with a mission to enhance the intellectual, economic, social and culture future of Tasmania, and from Tasmania, contribute to the world in areas of distinctive advantage. The University recognises that achieving this vision is dependent on the people we employ as well as creating a people-centred University that is values-based, relational, diverse, and development-focused.

We are seeking to appoint a Postdoctoral Research Fellow in the [Wicking Dementia Research and Education Centre](#) which is part of the [College of Health and Medicine](#).

The position of Postdoctoral Research Fellow will involve using human induced pluripotent stem cells to investigate mechanisms of neurodegenerative disease and neuroprotective strategies.

We are an inclusive workplace committed to ‘working from the strength that diversity brings’ reflected in our Statement of Values. We are dedicated to attracting, retaining and developing our people and are committed to inclusive principles. We celebrate the range of diverse assets that gender identity, ethnicity, sexual orientation, disability, age and life course bring. Applications are encouraged from all sectors of the community. Tell us how we can make this job work for you.

What You'll Do

- Make an effective and sustained contribution to the University in achieving its strategic objectives and fulfilling its operational responsibilities.
- Undertake high-quality research of national and increasingly of international standing, with a focus on research projects related to neurodegenerative diseases. Contribute to securing external competitive and other funding, publish research findings and contribute to the successful supervision of research higher degree students, in order to meet and regularly exceed the University's research performance expectations for Level A.
- Contribute to the development and maintenance of productive and effective links inside the University and locally and nationally with the discipline, relevant interdisciplinary domains, profession, industry and/or wider community.
- Undertake other duties as assigned by the supervisor.

What We're Looking For (success criteria)

- A PhD or equivalent in a relevant field.
- Laboratory skills in a wide range of contemporary techniques in cell biology, molecular biology, and/or genomics, especially induced pluripotent stem cell culture and differentiation, gene editing techniques, and live-cell microscopy.



- Demonstrable data analysis skills, or ability to acquire data analysis skills, in image analysis, multi-electrode arrays, RNA-seq, ATAC-seq, and/or statistical methods.
- A good record of, and continuing commitment to, research that has achieved national recognition and made worthwhile contributions to the field of neurodegenerative disease demonstrated by a record of quality publications, and presentations at conferences. Experience in preparing external grant applications would be advantageous.
- Strong communication and record keeping skills, and ability to work collaboratively.
- A record of contributing to building and maintaining effective and productive links locally and nationally with the discipline, profession, industry (where relevant) and wider community.

Other position requirements

- Laboratory and workshop activities and handling hazardous substances.
- Willingness to undertake a medical assessment based on meeting the inherent position requirements.

University of Tasmania

The University of Tasmania is an institution with an enduring commitment to our state and community, and a strong global outlook. We are committed to enhancing the intellectual, economic, social and cultural future of Tasmania. Our [Strategic Direction](#) strongly reflects the University community's voice that our University must be place based but globally connected as well as regionally networked and designed to deliver quality access to higher education for the whole State.

We believe that from our unique position here in Tasmania we can impact the world through the contributions of our staff, students and graduates. We recognise that achieving this vision is dependent on the people we employ, as well as creating a university that is values-based, relational, diverse, and development-focused.

Check out more here:

<https://www.utas.edu.au/jobs>

<https://www.utas.edu.au/careers/our-people-values-and-behaviours>

The intention of this position description is to highlight the most important aspects, rather than to limit the scope or accountabilities of this role. Duties above may be altered in accordance with the changing requirements of the position.

