

<p>Position Title: Senior Research Fellow</p>	<p>Date Prepared: 02 July 2021</p>
<p>Position Reports To: Co-Head, AIBL/ADNeT Operations</p>	<p>Theme/Team: Melbourne Dementia Research Centre / Neurodegeneration-Cognition Theme / Late Life Division</p>
<p>Classification: Level 1: SRF1-SRF6 Level 2: SRF6 (plus allowance for candidates with specialist medical training)</p>	<p>Location: MBC, Heidelberg</p>
<p>Key Relationships:</p> <p><u>Internal:</u></p> <ul style="list-style-type: none"> • AIBL-ADNeT Operations Group staff and students • MDRC staff and students • Late Life Division Head • Theme Heads across Late Life Division • Group Heads across Late Life division <p><u>External:</u></p> <ul style="list-style-type: none"> • Austin Health Neuroscience PET Research Group • Other Austin Health research and clinical staff • University of Melbourne staff and students • Collaborating medical research institutions, universities, and hospitals across Australia 	<p>Primary Purpose:</p> <p>The Senior Research Fellow will provide science and clinical support to members of the Florey AIBL/ADNeT Operations Group and the Austin Health Neuroscience PET Research Group, as well as develop their own research projects/program. The Fellow will apply for research grants and Fellowships and regularly produce manuscripts for publication in peer reviewed journals. The Senior Research Fellow will work with internal and external partners and deliver strong research outcomes in agreed timeframes and on budget.</p> <p>Two persons may be appointed part-time up to the equivalent of a full-time position.</p>
<p>Primary Responsibilities:</p> <p>Under the direction of the Co-Head, AIBL/ADNeT Operations, the Senior Research Fellow will:</p> <ul style="list-style-type: none"> • Provide supervision and support for higher degree students. • Publish journal papers in scientific journals. • Participate at leading national and international conferences. • Initiate and contribute to grant applications. • Develop research proposals and protocols. • Obtain ethics and governance approval for new research projects. 	

- Analyse the full range of neuroPET studies including static and dynamic FDOPA, AV133 VMAT), SMBT-1 (MAO-B), amyloid, tau and FDG PET studies using PMoD, SPM, FreeSurfer and other appropriate software.
- Provide visual reads for the full range of neuroPET studies as required.
- Undertake medical assessments of research participants when required (only for candidates with a medical degree/specialist training).
- Administer research PET tracers (when candidates have the appropriate radiation license).

Occupational Health & Safety:

- Eliminate, or otherwise reduce so far as practicable, the risks of injuries, diseases and ill health that arise as a result of Florey Institute activities through compliance with the Florey OH&S policy and procedure
- Continually incorporate and support improvement of the management of OH&S practices for Florey related activities
- Create and promote a positive and equitable workplace through awareness of issues that impact on health and wellbeing

Skills/Qualifications:

- PhD or equivalent in an area of medical research relevant to the research program
- Good statistical knowledge.
- Good understanding of imaging-based neuroscience research.
- Good oral and written communication skills
- Extensive experience in planning, organising and effective time management, whilst managing and supporting others to meet deadlines.
- Excellent interpersonal and written communication skills, with the ability to foster effective working relationships, negotiate and influence senior staff.
- Up-to-date Good Clinical Practice certification.

Experience/Knowledge:

- The ability to work effectively as part of a multi-disciplinary, potentially regionally dispersed research team, plus the motivation and discipline to carry out autonomous research. Good clinical knowledge of neurological disorders.
- Good track record of research and publication in the field of dementia or another area of neuroscience.
- Knowledge of current funding sources in the medical/life-science sector with an emphasis on industry and community engagement (e.g., NHMRC).
- Strong analytical, strategic thinking and problems solving skills.

Desirable but not essential:

- Medical degree.
- Specialist medical training in neurology, psychiatry, gerontology, or molecular imaging.
- A radiation license that will permit administration of research PET tracers (if not, the candidate must be willing to obtain this license).
- Previous experience with PET image analysis.
- Previous PET or MRI research publications.

General Attributes:

- Positively and proactively demonstrates the Florey values, including an ability to foster excellence in research through inclusive and supportive leadership.
- Ability to implement key research and staff development objectives based on the Florey Strategic Plan.
- Collaborative and productive working relationship with all areas of the Florey including Support Services.
- A leader in workplace diversity which supports all researchers to achieve their full potential.

Employee Name:

Employee Signature:

Date: