

**Research Assistant
(Code: OR/CSCB/AMC)**

Job Description

The Laboratory for Translational and Molecular Imaging (LTMI) at Duke-NUS Medical School is looking for a Research Assistant/Associate to support *in vitro* and *in vivo* research efforts surrounding nuclear and optical imaging. The LTMI group advances state-of-the-art small animal imaging platforms and fosters the translation of molecular imaging probes and associated technologies. Multimodal *in vivo* imaging techniques are employed at LTMI, including computed tomography (CT), positron emission tomography (PET), single photon computed tomography (SPECT), and fluorescence imaging.

- Perform molecular biology experiments (e.g. PCR, Western blot) and live cell assays.
- Maintain cells, creating cell banks, and perform quality control.
- Handle radioactive and infectious (live virus) materials for *in vitro* and *in vivo* studies.
- Animal handling, including cancer cell implantation and injection of test materials.
- Perform ex vivo assessment including but not limited to histology (e.g. IHC, IF, H&E staining).
- Carry out laboratory experiments according to SOPs.
- Ensure accurate monitoring, documenting and reporting of experimental results and research findings.
- Assist in procurement and inventory of equipment, chemicals, reagents, and consumables.
- Assist in management of multiple projects.
- Maintain laboratory records (MSDS, chemical, biohazard) and assist in preparation of SOPs.

Job Requirements

- Bachelor's or Master's Degree in Molecular Biology, Biology, Biochemistry or a related scientific area with at least 2 years of relevant research experience and training.
- Experience in Cell culture, molecular biology, *in vitro* assays and tissue analysis required.
- Certified in animal handling, preferably with RCULA certificate.
- A team player who is able to prioritise, multi-task and work collaboratively in a diverse workforce.

We regret that only shortlisted candidates will be notified.