

Job Title : Research Officer (STCC)
Department : STCC
Business Entity : STCC

Overview

The [Consortium for Clinical Research and Innovation, Singapore](#) (CRIS) brings together five national R&D, clinical translation and service programmes to advance clinical research and innovation for Singapore, and establish important capabilities for a future-ready healthcare system. The Business Entities under CRIS include:

- [Singapore Clinical Research Institute](#) (SCRI)
- [National Health Innovation Centre](#) (NHIC)
- [Advanced Cell Therapy and Research Institute, Singapore](#) (ACTRIS)
- [Precision Health Research, Singapore](#) (PRECISE)
- [Singapore Translational Cancer Consortium](#) (STCC)
- Cardiovascular Disease National Collaborative Enterprise (CADENCE)

Together, CRIS makes a positive difference to Singapore patients and researchers by ensuring that these clinical research platforms and programmes are at the cutting edge of capability development and innovation. If you are as passionate as we are in clinical trials and research, we want you!

STCC

The Singapore Translational Cancer Consortium (STCC) is a nationally coordinated consortium to synergise cancer research capabilities in Singapore. Established in 2020, STCC brings together unmatched basic, clinical and translational talent in Singapore to create globally significant peaks of excellence in selected Asian cancers. STCC's four joint platforms – Clinical Trials and Investigational Medicine Units, Cancer Databases and Tissue Banks, Translational Research Integration and Support, and Business Intelligence and Development Unit – provide an enabling research and innovation environment driven to foster translational research with meaningful outcomes for society. We currently have the following opening and would like to invite you to be part of an ongoing and dynamic team.

What you will be working on

The Role:

The Research Officer will be responsible for the duties and responsibilities listed below:

- Perform patient-derived organoid (PDO) culture, co-ordinate with multiple organoid research groups for collection and propagation of organoids for national level projects.
- Establish workflows for organoid collection, organoid culture, molecular characterization and clinical annotations for collaborative studies.
- Perform cellular and molecular assays such as RNA/DNA extraction, qPCR, Immunofluorescence, H&E staining, High-throughput compound screening, Cytotoxicity assays, Next-Generation Sequencing (NGS) etc.
- Co-ordinate and arrange meetings with organoid research groups and industry partners.

- Collect list of available tumour organoid models in Singapore with annotations, standardized protocols and SOPs from collaborators.
- Support establishing STCC tumour organoid catalogue.
- Capable of working in a team to survey scientific literatures, optimize standard protocols, execute and troubleshoot as seen appropriate.
- Strong work ethics, meticulous in study documentation and execution.
- Self-motivated, willingness to learn and to collaborate with other team members.
- Participate in, and present at research group meetings.
- Write technical reports, risk assessments and SOPs.
- Comply with laboratory safety procedures and other duties as seen required.

What we are looking for

Qualification

- Bachelor's Degree in Cancer Biology, Molecular Biology, Immunology, or other strongly related scientific discipline.

Experience

- Preferably with 1 to 2 years' experience in a clinical or research laboratory setting.
- Experience in stem cell culture or organoid culture with good aseptic cell culture techniques will be a plus.
- Experience in Next-Generation Sequencing.

Skills

- Fast learner, perform multiple tasks simultaneously and deliver quality work under tight timelines.
- Meticulous with an attention to details.
- Team player, good interpersonal, communication and presentation skills.
- Proficient in Microsoft Office, e.g. PowerPoint, Word and Excel.

What you need to know

Successful candidate will be offered a 3-year renewable contract. Please send your application to career@cris.sg with the subject **Application for Research Officer (STCC)**. We regret that only shortlisted candidates will be contacted. For more information about CRIS and the Business Entities, visit our websites below:

- CRIS – <https://www.cris.sg>
- SCRI – <https://www.scri.edu.sg>
- NHIC – <https://www.nhic.sg>
- ACTRIS – <https://www.actris.sg>
- PRECISE – <https://www.npm.sg>
- STCC – <https://www.stcc.sg>