

Job title:

Postdoctoral Research Fellow (Fat Metabolism and Stem Cells)

Description:

A postdoctoral research fellow position is available in Fat Metabolism and Stem Cell Group at Singapore Bioimaging Consortium (SBIC), A*STAR. We look for a highly motivated candidate interested in working on internationally competitive projects in stem cell biology, fat metabolism and imaging. The goal of the group is to take advantage of adipose-derived stem cells for treatment of metabolic diseases. The group also works with multidisciplinary teams (e.g. imaging scientists, chemists, clinicians) within or outside the institute on development of novel imaging methods for white and brown fat depots. We strive to make outstanding scientific discovery and train fellows to develop their best research career.

Responsibilities include (but not limited to):

- Study a role of novel fat depot-specific protein in adipose biology and metabolism using human and animal models
- Undertake and supervise biological aspects of collaborative projects on novel fat imaging methods
- Work with Industry partners on developing and commercializing adipose stem cells technology

About A*STAR

The Agency for Science, Technology and Research (A*STAR) is Singapore's lead public sector agency that spearheads economic oriented research to advance scientific discovery and develop innovative technology. Through open innovation, we collaborate with our partners in both the public and private sectors to benefit society.

As a Science and Technology Organisation, A*STAR bridges the gap between academia and industry. Our research creates economic growth and jobs for Singapore, and enhances lives by contributing to societal benefits such as improving outcomes in healthcare, urban living, and sustainability.

We play a key role in nurturing and developing a diversity of talent and leaders in our Agency and Research Institutes, the wider research community and industry. A*STAR oversees 18 biomedical sciences and physical sciences and engineering research entities primarily located in Biopolis and Fusionopolis.

About SBIC

The Singapore Bioimaging Consortium (SBIC) is a research consortium of the Agency for Science, Technology and Research (A*STAR) in Singapore. SBIC aims to build a coordinated national programme for imaging research, bringing together substantial strengths in the physical sciences and engineering and those in the biomedical sciences. It seeks to identify and

consolidate the various bioimaging capabilities across local research institutes, universities and hospitals, in order to speed the development of biomedical research discoveries.

SBIC has built up an extensive network of partners, through collaborations and joint appointments with research institutes, university and clinical departments, and the industry. Its partners include the Singapore Institute for Clinical Sciences, National University Hospital, Singapore General Hospital, the National Cancer Centre, Duke-NUS, Agilent, Bruker, Bayer, GlaxoSmithKline, Takeda, and Merck.

For more information about A*STAR and SBIC, please visit www.a-star.edu.sg and www.a-star.edu.sg/sbic/, respectively.

Job Requirements:

- Doctoral Degree in related fields
- Skilled in cell culture, molecular biology techniques and animal work
- Experience in studying metabolism / metabolic diseases preferable
- Strong interest in stem cell biology and clinical applications
- Strong publication record
- Good communication skills and team player
- Self-motivated, organized, flexible, and able to deliver results within work schedules
- Good writing skills with interest to apply for external grants

Interested applicants are welcome to submit CV to Dr. Shigeki Sugii (shigeki_sugii@sbic.a-star.edu.sg).

*The above eligibility criteria are not exhaustive. A*STAR may include additional selection criteria based on its prevailing recruitment policies. These policies may be amended from time to time without notice.*

We regret that only shortlisted candidates will be notified.