



RECRUITMENT

Groundbreaking stem cell technology developed by The LKS Faculty of Medicine of the University of Hong Kong (HKUMed) scholar underpins the “Centre for Translational Stem Cell Biology Limited”(CTSCB), which investigates applications in stem cell and regenerative medicine, organ transplantation, genomic medicine, and therapeutic product development. The outputs from the Centre are expected to provide enormous economic and commercial benefits to Hong Kong through the new technologies and lines of research created and the products that will be built on that. This project will also contribute to Hong Kong’s transformation into a global innovative hub.

Applications are invited for

Post-doctoral Fellow (Ref.:CTSCB-230701)

to commence as soon as possible for two years, with the possibility of renewal subject to satisfactory performance.

The selected candidates will work in a company incorporated by the University of Hong Kong established to administer and support the University’s innovation endeavours.

Research projects in CTSCB are initiated and supervised by scientists and clinicians from The University of Hong Kong and a well-known research institute in the UK. Applicants should possess a Ph.D. degree in Biomedical Sciences, Biological Sciences, or a related discipline, with a strong research publication record. Research experiences in at least one of the areas including stem cells, regenerative medicine, cancer, heart disease, liver disease, animal models, immunology, embryology, genomics, genome-editing, and drug screening are desirable. They should have a good command of written and spoken English, strong communication skills, and a demonstrated track record of publishing academic research papers. Applicants should also be self-motivated, innovative, and able to work well in an interdisciplinary team. The appointees are expected to contribute to 3 translational research programmes in a newly developed translational stem cell biology research centre.



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New Stem Cell Technology

- New technology relevant to stem cells with totipotency features
- Molecular determinants in direct differentiation of expanded potential stem cells (ESPCs) to functional cells
- Genome editing of EPSCs and new genome editing techniques and applications in ES cells
- Protein engineering and direct molecular evolution

EPSCs for Regenerative Medicine & Human Disease Study

- Application of stem cell-derived cells for disease modeling/drug screening
- Cell products
- EPSCs as a platform for the generation of genome-edited animals

EPSCs for Genomic Medicine of Immune Disease

- Stem cells for studying immunological disorders
- Drug candidates for immunological disorders

Appointees are expected to conduct research projects with a multidisciplinary team of clinicians and scientists. Working off-campus may be required. Fresh graduates are welcome. Applicants should provide up-to-date C.V. with a research publication list and referees' contact information.

For inquiries, please send an email to recruit@hkstemcell.hk

The personal data provided in your application process will be used for recruitment and other employment-related purposes. The personal data may be transferred and disclosed to and used by HKU Innovation Holdings Limited and The University of Hong Kong for the above purposes.



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<https://hkstemcell.hk/>