

Recruitment of Joint Ph.D. Students

The joint Ph.D. program is one of the initiatives of “Laboratory for Synthetic Chemistry and Chemical Biology Limited, LSCCB” to attract particularly Hong Kong students to further their studies in Synthetic Chemistry, Cancer Biology and Diagnostics/Theranostics. It is a joint program collaborated by LSCCB, The University of Hong Kong (HKU) and Imperial College of London (ICL) in the United Kingdom.

Laboratory for Synthetic Chemistry and Chemical Biology Limited

Established in Hong Kong Science Park in 2020 and currently hiring more than 40 research staff, LSCCB is led by Prof. Chi-Ming Che from Chemistry Department of The University of Hong Kong. It is one of the R&D centres funded by Health@InnoHK launched and administered by Innovation Technology Commission, Hong Kong Special Administrative Region, China. LSCCB has been well-equipped with various state-of-the-art instruments and up to date facilities. It aims at integrating Chemical and Biomedical Sciences for researching and developing the treatments of diseases with a focus on cancer. There are in total 24 principal investigators from Hong Kong universities, Imperial College London and Peking University conducting 37 impactful research projects related to 4 highly interdisciplinary research programmes including: (1) Synthetic Chemistry; (2) Chemical Biology of Natural Products and Chinese Medicine; (3) Metal Anticancer Medicine, Diagnostics and Theranostics; and (4) Multi-Omics and Innovative Analytical Technologies.

Eligibility and Academic Entry Criteria

LSCCB is now inviting talented and motivated graduates of all nationalities to apply for the joint Ph.D. program. If successful, the Ph.D. graduates will receive a Ph.D. degree from The University of Hong Kong. Applicants should possess:

- Outstanding academic records, excellent research ability and potential
- A first/upper second-class honours degree in Chemistry, Biology, Biochemistry, Biomedicine or equivalent from the top 100 of QS World University Rankings 2022 OR a M.Sc./M.Phil. in Chemistry, Biology, Biochemistry, Biomedicine or related disciplines.
- Research experience as part of university degree course is advantageous.
- Exceptional communication and interpersonal skills.

What We Offer

LSCCB will offer successful applicants

- A Ph.D. opportunity in HKU and ICL.
- A tax-free studentship HK\$18,030 per month for 4 years supported by LSCCB.
- 11-month research experience in ICL with research mentorship from internationally renowned scholars.
- Travelling allowance to and from ICL.
- Conference travel allowance twice: HK\$13,500 each.

- Opportunities to work with industry and other universities for innovative research.

Research Topics

Research topics are highlighted as below. Applicants are suggested to opt for those they have strong interests and preferably they have experiences.

- Synthetic chemistry, medicinal (organic and inorganic) chemistry, development of anticancer therapeutics, and computational chemistry.
- Cancer biology, cancer pharmacology, cancer immunotherapy, molecular medicine, drug delivery, metal-based and natural products-based therapeutics.
- Imaging probes, diagnostic probes, theranostics, and photopharmacology.
- Bioinformatics such as proteomics, metabolomics, transcriptomics, omics and etc.

Applications

- Your application including cover letter, detailed up-to-date CV, and 3 reference letters must be submitted to hr@hkscsb.hk by the deadline: 31 January 2022.
- Review of applications will continue until the posts are filled, whichever is earlier. For any enquiries, please send to info@hkscsb.hk.
- Those shortlisted will be invited for interview throughout the application period by a panel of principal investigators and scientists of LSCCB. Outcomes will be announced in due course.