

Research Fellow (Organic Chemistry)
Nanyang Technological University

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Posted Feb. 26, 2024, set to expire Jun. 27, 2024

Job Title	Research Fellow (Organic Chemistry)
Department	School of Chemistry, Chemical Engineering and Biotechnology (CCEB)
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Feb. 26, 2024
Application Deadline	Open Until Filled
Position Start Date	Available Immediately
Job Categories	Professional Staff Research Scientist/Associate
Academic Field(s)	Chemistry - Organic Chemistry - General
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Job Description

The School of Chemistry, Chemical Engineering and Biotechnology (CCEB) invites applications for the position of Research Fellow.

The School of Chemistry, Chemical Engineering and Biotechnology (CCEB) is an interdisciplinary school at NTU which hosts world-class education and research programs in organic and inorganic chemistry, physical chemistry, chemical engineering, and bioengineering. We aim to nurture future-ready researchers with the ability to tackle new challenges in chemicals manufacturing, healthcare,

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energy, food, and other important sectors.

The College of Science seeks a diverse and inclusive workforce and is committed to equality of opportunity. We welcome applications from all and recruit on the basis of merit, regardless of age, race, gender, religion, marital status and family responsibilities, or disability.

Key Responsibilities:

- Focus on the NHC catalyzed rapid synthesis of functional products
- Designing and synthesizing catalysts and other molecules, as well as planning and executing chemical reactions, alongside conducting mechanistic studies
- Designing and synthesizing potentially bioactive molecules, and conducting bioactivity and mechanistic studies (with collaborators when needed)
- Responsible for other research and laboratory duties as assigned by the Principal Investigator

Job Requirements:

- Hold a PhD in Chemistry or a closely related field with a focus on organic synthesis, new methodology development, and the synthesis and biological activity evaluation of functional small molecules.
- Demonstrate a strong record of successful research in the aforementioned areas, including a history of publications and other related achievements in reputable scientific journals and conferences.
- Showcase proficiency in experimental design, data analysis, and interpretation, along with the

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ability to collaborate effectively with multidisciplinary teams and mentor junior researchers.

- Display a strong understanding of chemical principles and techniques, coupled with the capability to innovate, and contribute to the development of novel chemical entities with potential applications in various fields.

We regret that only shortlisted candidates will be notified.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Singapore