

Research Fellow (Organic Chemistry/Natural Product Synthesis/Chemical Biology) Nanyang Technological University

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Downloaded On: Nov. 12, 2025 3:20am Posted Jun. 11, 2025, set to expire May 6, 2026

Job Title Research Fellow (Organic Chemistry/Natural Product

Synthesis/Chemical Biology)

Department School of Chemistry, Chemical Engineering and

Biotechnology (CCEB)

Institution Nanyang Technological University

Singapore, , Singapore

Date Posted Jun. 11, 2025

Application Deadline Open until filled

Position Start Date Available Immediately

Job Categories Professional Staff

Academic Field(s) Chemical/Petroleum

Job Website https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-

Main-Campus-Singapore/Research-Fellow--Organic-Chemistry-Natural-Product-Synthesis-Chemical-

Biology-_R00021010

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Job Description



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

The Research Fellow will take on a significant role in Asst Prof QIAO YUAN's lab to perform complex carbohydrate synthesis and bioactivity evaluations.

Key Responsibilities:

- Responsible for chemical synthesis and characterization of complex carbohydrates and analogues
- Responsible for developing LC-MS method for structural elucidations of natural carbohydrates
- Perform chemical biology assays to evaluate the bioactivity of natural and synthetic carbohydrates

Job Requirements:

- A recent PhD graduate with expertise in organic chemistry, natural product synthesis, chemical biology or related field.
- Must have research experience with multi-step synthesis with good techniques to handle air- and moisture-sensitive reactions. Prior experience in natural product synthesis, carbohydrate/peptidomimetic synthesis are preferred.
- Demonstrate strong publication track-record, as evidenced by at least first-author publication in high quality journals.



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Must have strong organizational, critical thinking, interpersonal skills.

Must be highly-motivated and independent and be able to supervise students

For more information about our laboratory, please go to www.yqiaolab.com.

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