

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

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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)	Chemistry - General
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