

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

<b>Job Title</b>	Research Fellow (Organic Chemistry/Natural Product Synthesis/Chemical Biology)
<b>Department</b>	School of Chemistry, Chemical Engineering and Biotechnology (CCEB)
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Jun. 11, 2025
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Professional Staff
<b>Academic Field(s)</b>	Chemical/Petroleum Bioengineering (all Bio-related fields)
<b>Job Website</b>	<a href="https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Organic-Chemistry-Natural-Product-Synthesis-Chemical-Biology-_R00021010">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Organic-Chemistry-Natural-Product-Synthesis-Chemical-Biology-_R00021010</a>
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Organic-Chemistry-Natural-Product-Synthesis-Chemical-Biology-_R00021010">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Organic-Chemistry-Natural-Product-Synthesis-Chemical-Biology-_R00021010</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

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

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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.
- Must have strong organizational, critical thinking, interpersonal skills.
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Must be highly-motivated and independent and be able to supervise students

For more information about our laboratory, please go to [www.yqiaolab.com](http://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