

**Research Fellow, Molecular Microbiology
Nanyang Technological University**

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Posted Oct. 11, 2024, set to expire May 6, 2025

Job Title	Research Fellow, Molecular Microbiology
Department	School of Biological Sciences
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Oct. 11, 2024
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biology - Molecular Biology - Microbiology
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Job Description	

Join Our Team at the School of Biological Sciences, Nanyang Technological University, Singapore

The [School of Biological Sciences](#) (SBS), part of the College of Science, was established in 2002 with a mission to advance biological and biomedical sciences. At SBS, our research spans various areas, including infectious diseases, immunology, neurodegenerative diseases, telomere biology, and genome function. Over the years, SBS has attracted talented individuals from around the world and Singapore to join as scientific leaders and researchers.

We are seeking a highly motivated Research Fellow to join the laboratory of Professor Yonggui Gao.

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The research focuses on the molecular mechanisms of polysaccharide biosynthesis and regulation, using a combination of microbiological and genetic engineering approaches, along with protein structural and functional methodologies.

Key Responsibilities:

- Investigate the molecular mechanisms of polysaccharide biosynthesis and regulation.
- Utilize combinative approaches, including microbiology, genetic engineering, and protein structural analysis.
- Collaborate with a multidisciplinary team with expertise in protein structure, chemistry, biochemistry, and microbiology.
- Perform any other duties as assigned.

Job Requirements:

- PhD or relevant research experience in microbiology or a related field.
- Experience in genetic engineering techniques such as gene knock-out and/or knock-in.
- Strong motivation and ability to work collaboratively within a team.

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.

We regret that only shortlisted candidates will be notified.

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Contact Information

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

Contact

Singapore