

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

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

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

**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