

**Research Associate / Project Officer (Microbiome & AI)
Nanyang Technological University**

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Posted Aug. 22, 2024, set to expire May 6, 2025

Job Title	Research Associate / Project Officer (Microbiome & AI)
Department	School of Biological Sciences
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Aug. 22, 2024
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biology - Microbiology Biology - Genetics
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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.

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Position Available: Research Associate / Project Officer, Microbiome & AI

We invite you to join Dr Anni Zhang's laboratory at SBS as a Research Associate or Project Officer. This role will contribute to a groundbreaking project focused on “Predicting DNA-Protein Binding to Enhance Bacteria-Based Cancer Therapy Safety and Efficacy.”

Key Responsibilities:

- Construct training datasets from bacterial genomes and experimentally validated datasets
- Design and evaluate AI models for predicting DNA-protein interactions
- Organize lab activities and manage basic administrative tasks

Job Requirements:

- A Master's degree in environmental engineering or a related field, with a focus on chemical engineering
- Strong communication skills in English - essential for data analysis and communication with stakeholders
- Experience in machine learning and microbial sequence analysis
- Solid background in microbiology
- Patient, curious, and detail-oriented

The College of Science seeks a diverse and inclusive workforce and is committed to equality of

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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.

Contact Information

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

Contact

Singapore