

**Research Fellow (Molecular Biology and RNA Research)
Nanyang Technological University**

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Posted Nov. 14, 2024, set to expire May 6, 2025

Job Title	Research Fellow (Molecular Biology and RNA Research)
Department	School of Biological Sciences
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Nov. 14, 2024
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biology - Molecular
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Molecular-Biology-and-RNA-Research-_R00019081
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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

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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.

Position Available: Research Fellow

Join the laboratory of Associate Professor Francesc Xavier Roca Castella at the School of Biological Sciences. We are seeking a Research Fellow to contribute to a project focusing on the prediction and testing of genetic variants potentially affecting splicing by in silico and mainly experimental methods.

Key Responsibilities:

- Designing and executing experiments and analyses to predict and test genetic variants that could affect RNA splicing. Key techniques include splicing minigenes, high-throughput sequencing, and CRISPR-mediated gene editing.
- Interpreting experimental data and outlining its implications (substantial experience in these areas is required)
- Preparing manuscripts and presentations for both internal and external audiences
- Mentoring and train Project Officers, PhD students, and undergraduate interns, contributing to the scientific development and productivity of the lab
- Collaborative teamwork is essential

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Job Requirements:

- A PhD in Biology, Molecular and/or Cellular Biology, Biochemistry, or related disciplines, with a focus on RNA splicing or related topics
- Experience in at least five of the following areas:
 - Cell culture
 - Standard molecular biology techniques
 - RNA biology
 - Human genetics
 - RNA splicing
 - Next-generation sequencing
 - Bioinformatics
- Strong written and verbal communication skills in English - essential for data analysis and communication with stakeholders
- Strong publication record
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Entry level candidates are welcome to apply

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.

Contact Information

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

Contact

Singapore