

Research Fellow (Cell Biology and Biochemistry)
Nanyang Technological University

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Posted Oct. 23, 2025, set to expire May 6, 2026

Job Title	Research Fellow (Cell Biology and Biochemistry)
Department	School of Biological Sciences
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Oct. 23, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biology - Cell Biology Biology - Biochemistry
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Cell-Biology-and-Biochemistry-_R00022282
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Job Description	

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

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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 cell biology, structural biology, infectiology, immunology, genomics and cancer biology, and plant biology. Over the years, SBS has attracted talented individuals from around the world and Singapore to join as scientific leaders and researchers.

Join the laboratory of Dr Alexander Ludwig at the School of Biological Sciences. We are seeking a Research Fellow to contribute to a project focused on the organisation and regulation of the actin cytoskeleton at apical cell junctions in epithelial cells and its role in the control of the paracellular permeability barrier.

Key Responsibilities

- Independently design, conduct, analyse, and critically interpret experiments at a high scientific standard.
- Present and discuss data in weekly group meetings and at local and international conferences.
- Provide guidance and supervision to PhD and undergraduate students, fostering their growth and development within the laboratory setting.
- Preparing detailed reports and manuscripts for publication in esteemed scientific journals.

Job Requirements

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PhD degree in Molecular Cell Biology, Biochemistry, or related areas, with focus on epithelial cell-cell junctions, the actin cytoskeleton, biochemistry and biophysics, and imaging.

- Experience in epithelial cell cultures, protein expression and purification, protein-protein interaction analysis (IPs, pulldowns, ITC), and confocal and electron microscopy
- Strong written and verbal communication skills in English - essential for data analysis and communication with stakeholders
- 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