

Research Associate (Oligonucleotide Chemistry)
Nanyang Technological University

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Posted Apr. 17, 2025, set to expire Aug. 17, 2025

Job Title	Research Associate (Oligonucleotide Chemistry)
Department	School of Biological Sciences
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Apr. 17, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Chemistry - General
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate--Oligonucleotide-Chemistry-_R00020439
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate--Oligonucleotide-Chemistry-_R00020439
Apply By Email	
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

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genome function. Over the years, SBS has attracted talented individuals from around the world and Singapore to join as scientific leaders and researchers.

For more details, please view <https://www.ntu.edu.sg/sbs>.

We are looking for a Research Associate to join a team of highly motivated researchers in peptide and nucleic acid chemistry and drug discovery. The role will focus on the preparation, analysis and biological evaluation of oligonucleotide-peptide conjugates.

Key Responsibilities:

- Responsible for peptide synthesis and conjugation of peptides with oligonucleotides;
- Purify, analyze and characterize synthesized compounds;
- Evaluate biological activity of prepared compounds using relevant cellular assays and microscopic techniques;
- Manage resources, handle procurement and other related tasks.

Job Requirements:

- Master's degree in chemistry or related field
- At least 3 years of relevant experiences in organic/medicinal chemistry / technical hands-on experience in multistep organic synthesis, chromatographic and spectroscopic techniques, and bioassays
- Familiarity with chemical safety and biosafety practices
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Good written and oral communication skills

- Proficiency in oligonucleotide/peptide synthesis, analysis and biological characterization, HPLC, NMR and mass spectrometry; Familiar with Chemdraw, CAS SciFinder, Office and other software.
- Ability to work independently and in a team, develop solutions under strict timelines, have meticulous and eye for details / excellent organizational / time management skills, excellent presentation skills.

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 to inform 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