

Lee Kong Chian School of Medicine (Singapore) invites applications for:

Research Assistant: Microbiology and Bacterial Genetics (Antimicrobial resistance research)

We are currently recruiting a Research Assistant to join our Group. Bacteria can be a friend as well as a foe to humans. The overarching goal of our research group is to understand the roles of lipid metabolism in antimicrobial resistance and bacterial virulence in order to identify novel diagnostics and therapeutics. The candidate will be involved in a project to understand how lipids in Gram negative bacteria contributes to antimicrobial resistance. We will address this key research question through the integration of systems biology approaches including next generation lipidomics and transcriptomics with clinical microbiology. Successful candidates will have the opportunity to work with a multidisciplinary team of investigators in LKCMedicine, clinical and industry partners and will be given comprehensive on-the-job training. The candidate is expected to participate in the Group's basic and translational human health research. Other duties include procurement and safety to support laboratory research needs.

Candidates should preferably have/be

- 1) A good BSc. or BTech-equivalent or higher in Lifesciences, Biology, or related fields.
- 2) Preferably at least 2 years of experience in a research laboratory, but recent graduates with the right aptitude will be considered.
- 3) Relevant experience in microbiology techniques, with bacterial genetics being a plus.
- 4) Skills in biochemical and molecular based assays.
- 5) Ability to analyse and present experimental data.
- 6) Prepared to undertake research administration tasks, including procurement, maintain laboratory SOPs, maintain instruments, etc.
- 7) Willingness to guide and train students and collaborators
- 8) A good sense of initiative and organization and ability to work in a team

Application Procedure:

If you are interested to pursue a career with the School, please apply to Asst Prof Xue Li Guan (email: xueli.guan@ntu.edu.sg) with a cover letter, CV, list of publications (if applicable), half-page summary of prior research conducted, and names of two references at your earliest convenience.

This position will be available with immediate effect.

Only full applications will be considered, and shortlisted candidates will be notified.