

About the company

Tychan Pte Ltd, established in 2015 and located in Singapore, is a clinical stage biotechnology company that is creating a framework for the rapid development of life-saving treatments to counter infectious disease outbreaks. Tychan's integrated platform is a convergence of rational drug design with innovations in biomanufacturing and regulatory framework to accelerate the drug development timeline. In its pilot program, Tychan developed Tyzivumab, a first-in-class monoclonal antibody therapeutic for treatment of Zika disease within 9 months, which is currently undergoing clinical trials in Singapore.

Tychan seeks to recruit highly motivated individuals to be part of its small, dynamic Singapore research team focused on the development of novel therapeutics for infectious disease as well as biomanufacturing platforms to enable rapid bench to bedside translation. Specifically, Tychan invites applications for the position of 'Scientist — Analytics' to assist in operating a bioanalytical laboratory, conducting QbD studies and developing innovative analytical platforms to support GMP bioproduction.

Requirements for Scientist - Analytics

A resident of Singapore, with a PhD in Bioanalytical Chemistry or related Life Sciences field with an emphasis on analytical techniques and 1-3 years of full-time postdoctoral laboratory research experience, preferably in a biopharmaceutical setting. Candidates with experience in designing and conducting analytical studies in highly regulated environments, such as a GLP or GMP analytical laboratory setting are highly preferred. Specific skills outlined below are required:

- Significant expertise and in-depth knowledge of liquid chromatography, capillary electrophoresis, mass spectrometry (LC-MS) techniques and instrumentation as well as data analysis software.
- Experience with laboratory workflow automation with regards to the setup and use of liquid handlers, such as the Agilent AM Bravo
- Expertise in developing and performing analytical assays for developability and quality assessments.
- Experience with Waters QToF systems and UNIFI software is a plus.
- In-depth understanding of analytical methods related to elucidation of protein structure, post-translational modifications, glycosylation and how they relate to product quality and purity attributes. Specific experience in monoclonal antibodies is preferred.
- Operational familiarity with statistical software and analysis including multivariate data analysis.
- Strong publication record in peer-reviewed journals demonstrating technical proficiency, scientific creativity and independent thinking.
- Excellent written and oral communication skills as evidenced by manuscript writing or scientific presentations in conferences.
- Familiarity with ICH/FDA/EMA guidelines and current PIC/S GMP as they apply to analytical laboratory practices is a plus.

Salary and Benefits

In addition to an open, creative, and invigorating work environment, Tychan offers a competitive salary and benefits package, and is committed to cultivating the personal and professional development of all its employees. Final position and salary level will be commensurate with experience.

How to apply

Please email your resume along with a list of at least two references and a brief Cover Letter to careers@tychanltd.com. Please state the position applied for in the subject heading. For additional information on the company please visit our website www.tychan.com.