

| WEI LIN TAN

+65 8200 4417 | weilin.tan@example.com | Singapore, Singapore | Staff Scientist, Bioanalytical Development

EXECUTIVE SUMMARY

Staff scientist with 9 years in bioanalytical R&D, currently leading method development and validation for a clinical-stage portfolio. Runs the assays, owns the regulatory documentation behind them, and keeps enough bench time to stay technically credible with the team.

EXPERIENCE

Staff Scientist, Bioanalytical Development • Sengkang Therapeutics 06.2022 – Present

- Lead method development, transfer and validation for four clinical programmes, from assay design through regulatory submission support.
- Validated 9 GLP-compliant LC-MS/MS and ELISA methods, all accepted by the regulator without a follow-up query.
- Cut assay turnaround 40% by automating sample preparation on a liquid handler and rewriting the data pipeline in Python.
- Support three IND-enabling packages, authoring the bioanalytical sections and responding to agency questions.
- Supervise four scientists and two research associates, including training, review and technical escalation.
- Chair the monthly cross-functional review with quality, programme management and the clinical team.

Senior Scientist • Aurora Biologics 03.2019 – 05.2022

- Developed and qualified immunoassays for biomarker discovery across six preclinical programmes.
- Introduced electronic lab notebook practice across the department, cutting data reconstruction time during audits.
- Co-authored 4 peer-reviewed papers and two internal white papers.

Scientist • Aurora Biologics 02.2017 – 02.2019

Ran routine cell-based potency assays and contributed to two method transfers between sites.

EDUCATION

Ph.D. Biochemistry 08.2012 – 12.2016

National University of Singapore

B.Sc. (Hons) Life Sciences 08.2008 – 05.2012

National University of Singapore

KEY SKILLS

LC-MS/MS METHOD DEVELOPMENT • IMMUNOASSAYS (ELISA, MSD) • GLP METHOD VALIDATION • REGULATORY DOCUMENTATION (IND) • LAB AUTOMATION (LIQUID HANDLERS) • PYTHON DATA ANALYSIS • CELL CULTURE • CROSS-FUNCTIONAL COLLABORATION • TEAM LEADERSHIP (6 REPORTS) • TECHNICAL WRITING • QUALITY & COMPLIANCE

LANGUAGES

English: Fluent

Mandarin: Native