

Biomarker Assay Development Technician

Job Purpose

The successful candidate will work in close co-operation with colleagues at the European ScreeningPort Biomarker and Drug Discovery laboratory and partners at world leading ZMNH Research Institute of the UKE Hamburg. The main purpose is to provide effective support for the operation of the laboratory through the practical development and prosecution of assays, on behalf of, and in collaboration with, academic and pharmaceutical industry collaborators.

Duties

- This role will be within European ScreeningPort's Drug Discovery and Biomarker Laboratory
- The position is a technical role focusing on biomarker assay, reagent, and technology development. for preclinical toxicology models and translation to human
- Responsibilities of this role include: (1) supporting biomarker assay development, qualification and implementation in preclinical and clinical studies, (2) production of high-quality, high-impact biomarker study results and reports
- Create and validate SOPs for assays with diligence and within agreed timelines
- Data analysis of assay output and updating of QC statistics
- QC checks on instrumentation
- General laboratory housekeeping & ordering
- Maintenance of an accurate laboratory notebook
- Work closely and flexibly with colleagues within ESP, and external academic partners, to ensure effective and timely project progression and delivery of goals and objectives
- Conduct experimental work safely, record data in an accurate, timely and GSP-compliant manner and to contribute to the smooth running of the laboratory
- Demonstrate drive and enthusiasm towards the project work.

Requirements

- Academic background in molecular biology or biochemistry, experience in chemistry, a strong emphasis on quantitative analysis
- A clear record of successful collaboration, and excellent communication skills
- The preferred candidate should have knowledge of drug pharmacology and toxicity and in vivo studies
- Computer literate in word processor, spreadsheet program, email and Web search engines
- Minimum 2 year of practical laboratory experience or substantial component of laboratory work as part of academic course
- Experience with the use of cultured mammalian cells, membranes or proteins to generate pharmacological or biochemical data
- Knowledge of wide range of chemically and/or biologically based bioanalytical techniques (e.g., flow cytometry, Immunohistochemistry, LC/MS/MS, RIA, ELISA etc.)
- Experience in fit for purpose assay validation BM assay problem solving
- Experience in development/validation and implementation of ligand binding assays
- Additional experience within an industrial laboratory environment or industrial placement during studies would be an advantage
- Good knowledge of English, spoken and written