

## Technical Assistant Medicinal Chemistry at ZoBio in Leiden (NL)

ZoBio ([www.zobio.com](http://www.zobio.com)) was founded in 2004 and is located in Leiden, The Netherlands. We offer innovative research services in the field of small-molecule drug discovery to the pharmaceutical and biotech industries. Our international team of 37 people covers four fields of expertise: Protein Engineering and Production, Assay Development and Screening, Structural Biology and Medicinal Chemistry.

The Medicinal Chemistry Group organizes, plans, and supports all small molecule related matters in ZoBio's client and internal projects.

We are currently looking to strengthen our Chemistry team with a technical assistant (BSc level) with 1-2 years' laboratory experience in chemistry, biochemistry, or biophysics.

### **TASKS & RESPONSIBILITIES**

- Assisting in the proper registration of new molecules that will enter the project assay cascade and make these molecules ready for use in downstream (screening) assays, e.g., SPR, biochemical assays, NMR binding assays, and X-ray crystallography studies.
- Organize and execute compound quality control studies, often under project specific conditions.
- Process compounds to be assessed in NMR QC cycles. Analyze and register the resulting data to confirm the purity and solubility of the compounds.
- Organize, run and register the data from regular LCMS cycles on compounds to assess purity and stability.
- Maintenance of the ZoBio Fragment library, including support in fragment library design and handling with external partners.
- Support the organization and execution of fragments screening campaigns in both SPR and NMR (TINS).
- Organize shipments of compounds or structural biology samples to external partners, e.g., synchrotron facilities, NMR laboratories.
- Support in the preparation of protein containing samples for NMR assays.
- Assisting in preparation of buffers, compounds, and microtiter plates for executing various biophysical and biochemical assays
- Reporting results and sharing important insights from experimental work with colleagues in the group or project team in both written and verbal form
- Entering experimental work, analytical results, and conclusions in the (electronic) lab journal
- Handling and maintenance of equipment, in a proper and safe way, e.g., Agilent LCMS and the Hamilton pipetting robot.
- Assess availability of all required group reagents for experiments performed in person and in case not available initiate ordering of the required materials
- Reporting of any anomalies in laboratory, equipment, or procedures to Head of Group

### **REQUIREMENTS**

- BSc with 1-2 years of laboratory experience in chemistry, biochemistry, or biophysics.
- Basic synthetic chemistry knowledge.
- Ability to work in a team in a result-driven, goal-oriented environment
- Ability to work accurately is essential
- Good written and verbal communication skills in English are essential



- Experience with NMR/LCMS data analysis to confirm compound structure.
- Experience with biophysical (screening) methods for protein-ligand interaction analysis is a plus
- Knowledge in protein chemistry & techniques and handling of proteins is a plus

It is fully expected that you can become a permanent and integral member of the ZoBio team, after an initial period of 12 months.

A tailored remuneration package will be proposed in line with individual qualifications and experience. The position is immediately available; the evaluation and assessment of candidates will run until the position is filled.

Please send your CV, motivation letter and names of potential referees at [hrm@zobio.com](mailto:hrm@zobio.com) with the subject: "Technician position Medicinal Chemistry".