

Vacancy for a Medicinal Chemist

Protinhi Therapeutics is looking for a talented Medicinal Chemist to join our dynamic team focused on the discovery and development of new medicines against viral diseases. The current COVID-19 pandemic clearly demonstrates the importance of antiviral discovery to combat viruses which pose epidemic and/or pandemic threats to global society. Protinhi aims at identifying new drugs outside of the conventional chemical space to interrupt replication and further transmission of infectious diseases such as dengue, Zika, West Nile virus, Chikungunya and corona.

Tasks and responsibilities

You will be involved in research from early stage drug discovery to nomination of (pre)clinical candidates. The position implies office work with a limited number of hours of laboratory work. You may be co-inventor on patents related to the work. The following tasks will be part of your responsibilities:

- Integration of synthetic knowledge, molecular modelling and analysis of biological and computational data to assist in iterative chemical design.
- Develop novel peptidomimetic and heterocyclic drug candidates.
- Data curation, database handling, literature research and preparation of reports.
- Laboratory work will be initially limited to compound library handling, analysis (LC/MS, NMR) and preparation of screening samples.

Required qualifications and experience

Minimum qualifications:

- MSc or PhD in Organic Chemistry or related field, e.g. Medicinal Chemistry.
- 2+ years medicinal chemistry experience in early-stage/preclinical drug discovery (postdoc and/or industry).
- Experience in structure-based / rational drug discovery methods.
- Comfortable with explaining technical concepts to a multidisciplinary team.
- Excellent communication skills in English.
- Can work individually or as part of a team.
- Creative, flexible and entrepreneurial personality.

Additional preferred qualifications

- Knowledge of molecular modelling and computational chemistry (e.g. bioinformatics, cheminformatics, docking, pharmacophore determination, homology modelling, etc.).
- Acquainted with pharmacology concepts.
- Peer-reviewed publications in small molecule/peptidomimetic drug discovery.
- Proven track record in disease field or mechanism of action (virology, protease inhibition).

Who we are:

You will be working at Protinhi Therapeutics, a young biotech company which is located at the Novio Tech Campus in Nijmegen, the Netherlands. Protinhi is a spin-off of the Erasmus University Medical Centre (Rotterdam) and the Radboud University Nijmegen. We aim to combat infectious diseases with a high unmet medical need such as dengue, West Nile virus, Chikungunya and corona.

What we offer:

Fulltime position (32 hours can be discussed). The position provides a challenging opportunity to become active in the battle against infectious diseases as part of an enthusiastic multidisciplinary team. This position provides an excellent basis for widening your research skills and broadening the scientific horizon in a dynamic environment. We offer a contract for one year, with an option for extension, at a competitive salary.

How to apply?

Please send your application letter and curriculum vitae in English to info@protinhi.com

More information and contact:

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