

ZIPHIUS THERAPEUTICS NV

Organic Chemist

Location: 9820 Merelbeke, Belgium

Job description

Ziphius Therapeutics is a Belgian pharmaceutical company developing next-generation mRNA-based vaccines. Your activities will include:

- Design lipid libraries and novel nanoparticle-based drug delivery formulations containing RNA/DNA for our therapeutic program
- Identify and prepare novel formulations as part of a multidisciplinary team
- Interact closely with colleagues on conducting efficacy and formulation evaluation/PK/PD/Tox studies
- Communicate research and development findings
- This is a hands-on, laboratory-based role in a highly collaborative early development environment

The position is full-time. We offer you a market-compliant salary, including an attractive package of fringe benefits.

Preferred Qualifications

- You have obtained a PhD in Organic Chemistry, with an emphasis on delivery of nucleic acids
- Knowledge of the design, synthesis, characterization and structure-property relationships of lipids and other lipid-like molecules
- Knowledge of nanotechnologies for formulation design, nucleic acids, and general pharmaceutical product R&D
- Laboratory experience in organic chemical synthesis, nanoparticles, LNP formulation development and development for in vivo application
- Experience and technical proficiency with HPLC, NMR and other methods for analysis and quantification of Lipid RNA/DNA and proteins
- Familiarity with lab-scale nanoparticle and LNP preparation techniques
- Experience with alternate pharmaceutical manufacturing technologies, ex. lyophilization etc.
- You are meticulous, quality-minded, and are able to work independently within your area of responsibilities
- Strong written and oral communication skills in English, comfortable with a "start-up environment"
- Effective interpersonal skills, facilitate effective teamwork

Why Ziphius Therapeutics?

Ziphius Therapeutics' team consists of a well-balanced, diverse group of people with complementary skills. The team members are united by their common passion for science, health care and entrepreneurship. Ziphius has a culture of creativity and innovation, supported by its values that include Transparency, Respect, Courage and Integrity.

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A CV as well as a motivation letter can be forwarded by email to HR@ziphius.org.