



## Scientist DP/LNP Formulation Development

**Location: Merelbeke**

### Job description

Ziphius Vaccines is a pharmaceutical company that focusses on the development of RNA-based vaccines and therapeutics. We are currently looking for a Formulation Scientist (DP/LNP) to support our research and development projects. You will be working in a young and dynamic environment where collaboration and teamwork are encouraged.

### You will be responsible for:

- Providing technical expertise/scientific input on formulation development strategies
- Plan and execute formulation and process development
- Identifying potential stability and performance issues with prototype formulations
- Supporting the scale-up of developed formulations and bringing them to GMP manufacturing
- Formulation, and physicochemical characterization of RNA vaccines
- Communicating research and development results, updates, and recommendations to colleagues and management.
- Working collaboratively with other scientists, technicians, and colleagues as part of a multidisciplinary project team.

### Preferred qualifications

- You have a PhD with scientific orientation (Pharmaceutical Sciences, Bio-Engineering, Science or Chemical Engineering, Industrial Engineering, Chemistry ...) or equivalent experience acquired through professional background.
- You have a strong interest in drug research and development and the associated production technologies.
- Hands-on lab experience with synthesis, analysis, purification, and delivery of RNA is a must.
- Familiarity with lab-scale nanoparticle and LNP preparation techniques
- Experience with alternate pharmaceutical manufacturing technologies, ex. lyophilization etc.
- Expertise with self-amplifying RNA is a plus
- 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
- Ability to meet deadlines, with a high degree of accuracy and efficiency.

### What we have to offer

The position is full-time. We offer you a challenging career in a dynamic and fast-growing company, including opportunities for strong personal development within a multidisciplinary environment. We offer a market-compliant salary, including an attractive package of fringe benefits. Besides an interesting job, we pay attention to a pleasant working environment and a healthy work-life balance (f.ex. 12 ADV days on top of the 20 legal days off, sliding hours, free fruit, sports classes).

**Why Ziphius Vaccines?**

Ziphius Vaccines' team consists of a well-balanced, diverse group of people with complementary skills. The team members are united by their common passion for 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](mailto:HR@ziphius.org).