



## *Job opening: Researcher Formulation & Bioconjugation*

### **About Cristal Therapeutics**

Cristal Therapeutics applies three distinct and interconnected technologies together with biologic insight to improve the therapeutic profile of our partners' programs in development. Based on over 10 years of real world experience, Cristal's CliCr<sup>®</sup>, CriPec<sup>®</sup> and CriVac<sup>®</sup> technologies provide superior conjugation, enhance target specificity and engender highly selective immune responses, thereby increasing efficacy and reducing toxicity. The company aims to be the partner of choice for overcoming challenges and enabling the full potential of e.g. chemotherapeutic agents, immunology treatments and vaccines, amongst a broader range of therapeutics, tuned to modality and indication.

Currently, we have a vacancy for a researcher formulation & bioconjugation to pursue our ambitious endeavours in various collaboration projects with renowned biotech and pharmaceutical companies.

### **The position**

As researcher formulation & bioconjugation you are responsible for:

- The design, execution and reporting of synthesis and bioconjugation studies to generate purified and characterised drug linkers, polymers, (targeted) nanoparticles and affiliated intermediates for all ongoing and future projects
- The formulation of (targeted) nanomedicines for various evaluations
- Providing pharmaceutical development related expertise to support various development projects
- Applying acquired knowledge to further optimize our innovative platforms and provide expertise to boost future product developments

In your position as project team member, you will be responsible for the synthesis, formulation and bioconjugation elements of the project, from early start of a project till meeting the deliverables within agreed timelines and budget. Hereto, you will take part in various projects to identify the key synthesis, formulation and bioconjugation questions and to provide experimental support to address these questions most appropriately. You will have functional relationships with your internal colleagues (technicians, researchers and scientists in chemistry, formulation, analytics and biology) as well as from co-development partners, including academic and industrial parties.

### **The challenge**

In your role as researcher formulation & bioconjugation you:

- Prepare plans, execute and prepare reports for pharmaceutical development studies
- Manufacture, purify and characterise intermediates and final products of requested composition and amount, incl. handling instruction preparation, as required to assure sufficient material on the shelf as well as to supply needs of individual project teams
- Communicate the pharmaceutical aspects of any product to third parties, incl. share handling instructions and full characterisation results (i.e. CoA)
- Provide scientific input (incl. literature search and gather expertise from a network of KOLs) for pharmaceutical development activities, based on request from project teams and/or pro-actively
- Evaluate pharmaceutical development aspects of new product and platform opportunities, where needed prepare corresponding pharmaceutical development plans

As member of project teams, you will:

- Identify the key pharmaceutical questions per project, determine the required quality levels, select the most appropriate synthesis, formulation and bioconjugation approaches
- Prepare scientifically sound project plans based on mutually defined quality criteria together with the project team (and external collaborators where applicable)
- Execute agreed project plan in line with pre-set quality levels on content, timelines and budget (including resources)

In both roles, you assure excellent communication on project status with all involved stakeholders and maintain a dynamic and focused team culture to promote successful project achievements.



#### **The profile and grant requirements**

- Master or PhD in pharmaceuticals or chemistry (or equivalent)
- At least 2 years industrial R&D experience in bioconjugation and/or nanomedicinal formulation development
- Experience with organic and polymer chemistry, nanomedicine formulation as well as bioconjugation (oligonucleotide, protein and/or nanoparticle conjugation) and sophisticated analytical evaluation of the intermediates and final compositions
- Network in organic, polymer and/or bioconjugation chemistry
- A foundation on oncology, cellular (tumour) biology and/or nanomedicines would be a strong advantage
- Preferably, experience with using a QA/QC system, accordingly familiar with corresponding guidelines and infrastructure

#### **The specific job skills**

- Good communication skills
- Excellent organisation skills
- Ability to work on multiple projects under time pressure
- Analytical and creative problem-solver
- Self-starter and pro-active

#### **The general competences**

- Eager to work in a flexible environment with a pro-active, hands-on and multi-disciplinary mind-set
- Strongly goal-oriented, driven and keen to deliver on promise
- Quality awareness
- Team player, eager to contribute to the success of a small, innovative company
- Fluent in English both in word and writing

#### **What Cristal Therapeutics offers**

- Opportunity to use your talents and competences in the development of innovative drug products, and to further strengthen them
- Fast-forward industrial training, including goal-oriented project management
- A competitive remuneration package
- Opportunities to grow both from content perspective as well as on a personal level
- Work in a small team with ambitious colleagues to make worldwide collaborations successful

Please send your C.V. and motivation letter in English to the attention of Dr. Cristianne Rijcken, Founder and CSO, to email-address: [vacancies@crystaltherapeutics.com](mailto:vacancies@crystaltherapeutics.com) before 31<sup>st</sup> January 2021.