



## Senior Bioinformatician

Are you passionate about actively helping in implementing new personalized cancer treatments, alongside accomplished biotech experts? Are you looking for an ambitious new project to test and grow your knowledge?

### Who are we?

myNEO is a Belgian bio-tech company in Ghent, focused on identifying, exploring and validating personalized cancer treatments. The developed bioinformatics platform is continuously being optimized based on results from our own trials and other published papers. At the core of this platform is an immunotherapeutic pathway, offering an alternative to the general chemo-/radiotherapy commonly used. This implemented pathway involves the search of tumour-specific mutations in the patients' blood and tumour sample.

The hands-on approach of a young start-up company is omnipresent and every employee is directly involved in substantial decision making. Therefore each employee is able to grow side-by-side with the company and gains responsibilities from day 1. The company's office is located in a skybox in the Ghelamco arena where we work next to other like-minded start-ups in a relaxed atmosphere. Working remotely for 1-2 days a week presents no issues as myNEO thinks highly of the well-being and work pleasure of its employees. A work hard/play hard balance is endorsed and so flexibility is important on both ends. myNEO is a team of young people that work closely together where open communication is encouraged and pleasant working relations are developed.

### What does the job entail?

As a bioinformatician in myNEO the following responsibilities will be yours:

- Run, monitor and maintain our state-of-the-art neoantigen discovery pipeline
- Research, develop, implement and document new features
- Assess the quality of the pipeline results
- Present your progress and results in a clear and engaging fashion
- Maintain a scientific watch to remain at the cutting edge of the field
- Attend conferences and training workshops to improve your knowledge and to network

### What are we looking for?

We are looking for a full-time senior bio-informatician to join our team with the following profile:

- At least 5 to 8 years of experience in the field
- Experience in computational analysis pipelines for high-throughput NGS data analysis
- General experience in NGS data handling, processing and analysis
- Familiar with biological databases design, curation and maintenance
- Good programming skills (2+ languages Python, Perl, R, C++, Julia)
- Experience with High-performance computing and performance optimization
- Experience with visualisation tools and Machine Learning/Deep Learning is a plus
- Biological background (cancer metabolism, tumour genomics, innate immune responses)
- Strong interest in cancer research and personalized therapeutics is highly recommended
- Critical about assessing implications of research and able to convert them into pathway functionalities
- Actively follow-up a team of junior bioinformaticians in their progress and provide guidance
- Team player who is able to be flexible and work independently

### What do we offer?

- A competitive salary pay-out
- Flexible working hours and home office 1-2 days/week
- Generous benefits package (laptop, hospital insurance, meal vouchers, bicycle allowance)
- The possibility to grow side-by-side with the company and to get responsibilities from day 1
- Involvement in discussions with highly experienced academics, doctors, and industrialists.

### Have we piqued your interest?

Are we everything you're looking for and vice versa? Send an email to [hr@myneo.me](mailto:hr@myneo.me) to convince our team that you've got what it takes and to portrait your motivation. You'll be asked over for an interview, some brainy tests and a meet and greet with one of our investors.