Omnigen

Vacancy for the position:
Postdoctoral researcher in Medical Genetics/Bioinformatics

Do you want to make a lasting impact on the Health and Life Sciences industry while working in a young and dynamic company? Omnigen is looking for a **postdoctoral researcher in medical genetics/bioinformatics** to join our team of professionals.

Job description
The successful candidate will lead the MIT-funded project 'ISOLATE: DIagnoStic tOol Liver cAncer TreatmEnt'. This project will focus on developing a predictive companion diagnostic tool for combinatorial treatment with Sorafenib and immunotherapy among liver cancer patients. Furthermore, you will also support our REACT-EU-funded project 'PITA: Pancreatic Insightful Treatment Analysis' for non-invasive companion diagnostics of responders and non-responders to Folfirinox treatment among pancreatic cancer patients.

All of our projects are in close collaboration with academic partners, such as the Erasmus Medical Center Rotterdam, Leiden University Medical center, University Hospital Antwerp and the Open University United Kingdom. In addition, as a postdoctoral researcher within Omnigen, you will provide guidance and support to the research & development team on other scientific research projects, participate in writing grants and papers, and supervise BSc and MSc students.

We are looking for a motivated postdoctoral researcher with a biological or (bio)medical background and a broad interest in oncology, genomics and bioinformatics. Ideally, the successful candidate is proficient in scientific programming, with practical experience in analysing extensive bioinformatics and genetics datasets.

Competences and experience
Required
- a PhD in (bio)medical sciences, bioinformatics or genetics
- Previous experience or interest in project management
- Knowledge in the field of cancer research
- Experience in protocol writing and ethical committee applications
- Previous knowledge of setting-up multicentric clinical trials or biobank applications
- Proficient in writing European grant applications and proposals
- Dutch speaking with English proficiency or English speaking
- EU work permit

Advantageous, but not strictly required for application
- Experience in scientific programming and developing pipelines for large-scale data analysis
- Knowledge of low-pass sequencing
- Previous experience with data analysis based on genotyping

- Interested in learning and working with new technologies, as projects at Omnigen can be very diverse

Personal skills
- Independent as well as a solid team player
- Willingness to learn and fast learner
- Innovative, creative, inventive and proactive
- Solid communication skills
- Preference for working in a commercial SME with a focus on scientific research

What we can offer you
- Travel expenses
- Option to work from home part of the week
- A training budget
- A company-issued laptop
- Dedicated and supportive colleagues
- Competitive postdoc level salary
- A one year fixed term intending to follow up with a permanent employment contract

About Omnigen
We are a small and medium-sized enterprise (SME) with bioinformatics consultancy, Google Cloud services, and software engineering as core businesses. Furthermore, we strive to dedicate a large part of our work to scientific research and the development of clinical diagnostic platforms for (oncological) healthcare. Next to these activities, we have a subsidiary company that offers direct-to-consumer genetic testing (Omniyou). We are a Google certified partner, and as such, implementing cloud computing solutions for (biotech and life sciences) companies is one of our strong suits. Our team comprises bioinformaticians, biomedical scientists and supporting staff.

How to apply
Interested? Please send us your resume as well as a motivation letter to **info@omnigen.nl** before 30-04-2022. Only applications that are sent to us by email and before the mentioned date will be considered. Make sure that your previous experiences and competencies are thoroughly described, and explain why you consider yourself a suitable candidate.