

(Spatial) Single cell bioinformatics scientist

Who we are

BioLizard is a growing consultancy company providing bioinformatics solutions for our customers in biotech, pharma and diagnostics. Typically, a lizard adjusts to its surroundings. That is exactly what we do, we adapt to our customers' data environment! The research field is rapidly becoming more data-driven, where we strive towards offering state-of-the-art bioinformatics, statistics and machine learning solutions to help solve our customers' biological questions. Our habitat is the stretch of land where both biologists, informaticians and statisticians, both experts and juniors, both academics and company employees reside.

Our bioinformatics scientists are embedded in the working environment of our customers in a full time or half-time regime, collaborating on challenging projects in life science. You will contribute to devising solutions in data integration, analysis pipeline implementation, information visualization and data learning with a focus on single cell and spatial data. You should be comfortable with experimental design, software development, and computational omics, and have a particular passion for analyzing single-cell data to extract valuable scientific insights for our clients. Additionally, experience or a willingness to work with spatial technologies like immunohistochemistry and Visium is desirable, and deep knowledge of immunology would be a definite advantage. You play an important role in functioning as the point of contact to our network of academic specialists, following up on professional and personal development.

Keywords

Single cell technology - spatial biology - Analytical mindset – Eager to learn – Independent and team player - Multidisciplinary - Solution-oriented – Positive and open-minded – Customer empathic

Job requirements

- Master's or PhD degree in bioinformatics, biotechnology, bio-engineering, computational biology or a similar field.
- Proficiency in at least one programming language is required (e.g. Python, R, ...)
- At least 2 years of experience in single cell technologies and practical knowledge of the most common processing platforms (10x, scanpy, Seurat, ...) is required.
- Experience in spatial technologies (immunohistochemistry, histopathology, 10x visium, ...) from a computational perspective is required, or motivation for your interest in these technologies
- Deep immunological knowledge is a major advantage
- Experience in single cell data processing pipelines is a advantage
- Experience in single cell multi-omics, bulk-single cell data integration or single cell atlases is a advantage
- Knowledge on experimental design for single cell sequencing experiments is a advantage
- Knowledge or background in developmental biology, immunology, clinical biology or oncology is a plus
- Software development skills are a plus
- Fluent in English, with good communication skills
- Currently living in Belgium, the Netherlands, or France
- Willing to travel when the need arise (depending on project)
- Location: preferably Ghent – Belgium, but this is not a must

Job offer

- A challenging and motivating work environment where like-minded people strive towards top-grade results in a continuously evolving research domain
- A personal growth trajectory focusing on self-development and gathering knowledge
- Project guidance together with senior profiles and our academic network of experts
- An attractive salary package with additional benefits

Interested? Get in touch!
Human resources – BioLizard
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