



## NGS Junior Scientist

### Background

IGATech has been the largest sequencing provider in Italy since 2009. Currently, it serves hundreds of clients worldwide, primarily in Europe and South America. With an annual turnaround of over 30,000 samples per year, IGATech has established itself as a leading player in the industry. IGATech's mission is to provide the scientific community with robust and dependable support in adopting the latest sequencing technologies and bioinformatics approaches. For this reason, we leverage internally developed sequencing and computational infrastructure and rely on continuous implementation and upgrades through commercial activities. Our laboratories utilize a variety of sequencing and automation platforms, such as Illumina, Element Biosciences, Oxford Nanopore, Tecan, Beckman, and 10X Genomics. Thanks to its sequencing capability, IGATech has successfully participated in several EUfunded projects, playing a key role in various genomics research work packages. IGATech's major clients include universities, research institutes, IRCSS, and several private companies, such as biopharma, biotech, and seed companies.

### The Position

IGATech is looking for a NGS Laboratory Junior Scientist, with a main focus on the exciting field of metagenomics, with potential involvement in other key areas of our operations. This role is central to our mission of driving innovation in genomics and requires a candidate who is not just technically proficient but also exemplifies exceptional teamwork, organizational skills, and a commitment to quality and customer satisfaction. In IGATech we foster personal growth and other activities might be introduced as the candidates acquire more experience in the field.

The selected candidate will play a pivotal role in DNA extraction, NGS library preparation, and sequencing processes, especially within metagenomic studies. His/her ability to navigate complex laboratory tasks, maintain meticulous organization, and efficiently manage priorities will ensure the smooth operation of our cutting-edge projects.

### Key Responsibilities

- Execute DNA extraction and NGS library preparation with attention to detail, ensuring the highest quality standards.
- Operate sequencing platforms, with a keen eye on both short-read and Oxford Nanopore sequencing technologies, to support diverse research objectives. Coordination with the Application Lead and the Sequencing Manager.



- Collaboratively work within multidisciplinary teams, contributing valuable insights and expertise to achieve project goals.
- Tackle laboratory challenges head-on, demonstrating problem-solving skills and a proactive approach to addressing issues and setting priorities.

At IGATech, delivering exceptional outcomes within set timelines is at the heart of what we do. We seek individuals who are not only passionate about genomics but also understand the importance of customer satisfaction and quality control. A critical eye for detail and commitment to meeting deadlines will be instrumental in maintaining our reputation for excellence in the genomics field.

### **Qualifications and Skills**

- A Bachelor's degree in Biotechnologies, Biological Sciences, or related fields.
- Proven experience in molecular biology laboratory procedures.
- Experience with PCR, RT-PCR, fragment analysis.
- Prior experience with NGS library preparation is highly preferred.
- Experience in operating NGS platforms is a plus.
- Experience with lab automaton (liquid handler programming) is a plus.
- Fluent Italian
- Proficient in English.

### **Required Personal Skills**

- Strong communication skills to effectively interface with teams and clients.
- Good time management and prioritization skills.
- Ability to manage competing priorities in a fast-paced environment and work independently.
- Strong interpersonal skills, demonstrated by the ability to lead and gain the assistance and cooperation of others in a team.
- Ability to interact effectively with other team members and collaborate synergistically to drive projects forward.
- Excellent problem-solving and innovation skills.
- Strong results-oriented approach.
- Attention to detail.
- Ability to multitask, work independently, and be self-motivated.
- A strong work ethic and a commitment to delivering results on time.



## Join Our Dynamic Team

This position is primarily focused on metagenomics but offers the chance to engage with other sectors within our diverse company operations. If you're ready to bring your skills to a team that values innovation, teamwork, and customer satisfaction, we would love to hear from you.

This position will start as a one-year fixed-term contract and offers a competitive compensation package, including performance-based bonuses. Bonuses are awarded in recognition of individual contributions to our team's goals and are directly linked to the financial success of the company.

To apply for the position please contact us at [info@igatechnology.com](mailto:info@igatechnology.com) and include:

- Your CV
- A short letter of motivation
- Name and contact of at least one referee.