

Junior Scientist – Assay Development

Bioherent's mission is to create above state-of-the-art photonic biosensors for a variety of clinical applications, with the goal of simplifying and accelerating the diagnostics pathway at hospitals and other healthcare institutions. Created in 2021 as a deep tech spin-off of the University of Malaga, our technology is the result of decades of research and development in photonics, chemical and clinical sciences. The company is moving fast to solve unmet clinical diagnostics challenges. Joining us now will provide you with the unmatched opportunity of applying advanced technical skills to improve people's health, and professionally evolving quickly in a young and dynamic highly qualified environment. All of it while working in one of the most sought-after cities in Europe: Málaga!

We offer

- Full-time position in a company with top-tier talent retention policies.
- Responsibility-based working culture oriented toward better diversity, equity and inclusion.
- Fast-paced professional development in a multidisciplinary team of engineers and scientists.
- Build a project from the ground up with a truly relevant social impact.
- Collaboration with people-focused leaders in the fields of photonics, chemistry and medicine.

We need you for

As a **Junior Scientist – Assay Development**, you will develop immunoassays for Bioherent's photonic POC diagnostic platform. Your role involves designing, optimizing, and validating immunoassays for biomarker detection while collaborating with engineers, scientists, and regulatory experts to advance new diagnostics. This position requires strong laboratory skills. Your responsibilities include:

- **Assay Development & Validation:** development, optimization, and validation of photonic immunoassays for drug allergy diagnosis, ensuring accuracy, sensitivity, and reproducibility.
- **Experimental Execution & Data Analysis:** design, execute, and troubleshoot immunoassays, analyze data, and prepare reports for internal and external stakeholders.
- **Cross-Functional Collaboration:** work closely with engineers, scientists, and regulatory teams to integrate assays into scalable diagnostic solutions and align with product development goals.
- **Research:** support grant applications, regulatory documentation, and patent development, scientific publications, and conference presentations.
- **Adaptability:** thrive in a dynamic environment, demonstrating initiative, problem-solving, and leadership within multidisciplinary teams.

Required skills

- BSc/PhD in Chemistry, Biochemistry, Material Science or a related field.
- 1+ years of experience in immunoassay development, biosensors, or molecular diagnostics.
- Strong data analysis demonstrated, including proficiency in Python, Origin, or statistical software.
- Excellent organizational, writing and verbal communication skills in English.

Preferred Skills

- Experience in drug allergy diagnostics or related immunological conditions.
- Previous work in biosensor performance optimization (increasing sensitivity, specificity, and LOD).
- Understanding of statistical analysis and design of experiments (DOE).
- Understanding of IVD regulations, incl. assay validation requirements for regulatory submissions.

Contact and additional information

We are looking forward to your application (CV+cover letter), please send it to jobapplications@bioherent.com, subject junior scientist + your name. Applications without cover letter will not be accepted. Only applicants authorized to work in the EU will be considered.