



Company Overview

At **Invaio**, we share a sense of urgency to deliver agricultural technology that's better for crops, people and the environment. Not in 20 or 30 years, but today. We build on advances in human health and digital innovation to develop technologies that enable farmers to both improve yields and use more natural crop health solutions. Invaio is addressing consumer demands and unlocking radical benefits for farmers and the environment, leaving every acre better today and for generations to come.

With groundbreaking innovation at our core, we're always looking to build a community of accomplished, experienced individuals with a shared passion. If you want to make a real difference, embrace the opportunity to stretch yourself and learn as you build what's possible, Invaio could be the place for you. We offer a range of benefits and a competitive starting salary based on qualifications and experience.

Invaio started life as a Flagship Pioneering company and today has a presence in five countries across three continents. Our global headquarters is in Cambridge, MA, USA, and we have labs and greenhouse facilities in Research Triangle Park, North Carolina.

FORMULATION SCIENTIST

Role Overview:

Our Invaio Research team based in Barcelona, Spain, is looking for a highly motivated and skilled Formulation Scientist to join our recently created labs for advancing our proprietary delivery technologies. The candidate will be part of an International Formulation team advancing our proprietary delivery technologies. You will contribute to our efforts to develop and optimize diverse formulations, including incorporating and characterizing active ingredients in nature-inspired lipid particles, to support greenhouse and field trials across R&D. You will work closely with project teams to advance our technology development and solve a diverse set of agriculture challenges.

Responsibilities:

- Support delivery system design and optimization for biological activity
- Support the development of loading/encapsulation/purification strategies for active ingredients
- Experience with delivery/formulation systems or nucleic acid nanoparticles is a plus
- Familiarity with design of experiments (DoE) for formulation optimization
- Hands-on experience operating analytical instruments to characterize formulations (e.g., particle size determination, fluorescence-based assays, etc.)
- Contribute to a dynamic, exciting culture that embraces teamwork and innovation
- Present scientific findings in cross-functional project team meetings, write protocols and reports, and document results in electronic laboratory notebooks
- Communicate research and development plans, experimental outcomes to the team members, the director, and the international board



- Collaborate with other interdisciplinary scientists across countries to derive and validate the results obtained
- To work as a member of a team, encouraging team building, motivation, and cultivating effective team relations

Qualifications & Competencies:

- PhD in Biochemistry, Chemistry, Chemical Engineering, Biomaterials Science, Engineering, or related discipline, preferably with relevant laboratory experience in an industrial setting
- Knowledge of encapsulation technologies such as emulsions or nanoparticles
- Demonstrated background in developing diverse formulations
- Experience in delivery of small molecules, nucleic acids, or proteins
- Demonstrated ability to work independently and collaborate across disciplines as part of project-function matrix organization in an industrial setting
- Self-motivated and curious with a powerful desire to learn
- Excellent communication and presentation skills, capable of conveying technical information in a clear and thorough manner
- Execution-focused, team-oriented with an ability to thrive in an entrepreneurial environment
- Fluent in English

Inquiries and Considerations:

Invaio is an equal employment opportunity employer and is committed to a proactive program of diversity development. Invaio will continue to recruit, hire, train, and promote into all job levels without regard to race, religion, gender, marital status, familial status, national origin, age, mental or physical disability, sexual orientation, gender identity, source of income, or veteran status.

Please apply in English via our career website [Careers | Invaio Sciences](#) (<https://www.invaio.com/careers>) or by clicking directly on this link [Formulation Scientist](#)