

Research Associate Bio-analytics Cell Culture and Flow Cytometry

Who we are

The growing demand for healthy, safe and sustainable food has increasingly imposed restrictions on agricultural practices. Therefore, improving food production efficiency in a sustainable way, while safeguarding the environment and its natural resources, is essential.

We at Biotalys have the ambition to transform food protection, shaping the future of sustainable and safe food supply. We are a rapidly growing and transformative food and crop protection company developing a new generation of protein-based biocontrol solutions.

Based on our ground-breaking technology platform, we have developed a broad pipeline of effective and safe products with novel modes of action, addressing key crop pests and diseases across the whole value chain, from soil to plate. Our products combine the high-performance characteristics of chemicals with the clean safety profile of biologicals, making them ideal crop protection agents for both pre- and post-harvest applications.

Our headquarters are located in the vibrant biotech cluster in Ghent, Belgium. More information can be found on www.biotalys.com.

To strengthen our valuable team of dedicated employees, Biotalys is looking for a **Research Associate**. The candidate will be responsible for generation and maintenance of different mammalian and insect cell lines and for design and development of flow cytometry assays that will allow the selection of our AGROBODY™ bioactives.

Scope of your job

- Transfection, maintenance, plating, banking and quality control of mammalian and insect cell lines for the expression of target antigens.
- Generation of stable cell lines via plasmid-based and baculovirus expression systems.
- Planning and execution of binding assays by flow cytometry.
- Contribution to development, improvement and performance of cell-based assays.
- Independent planning and execution of experiments, including interpretation and reporting of the results.
- Presentation of results and findings to colleagues and team members in team meetings.
- Maintenance of lab notebooks and writing reports with detailed and timely recording of experimental data.

What we are looking for

- Bachelor or Master degree in Cell Biology, Molecular Biology, Biotechnology, Biomedical sciences or equivalent discipline with minimum 2-4 years of relevant working experience.
- Hands-on skills in mammalian and insect cell culture, including primary cells.
- Experience in developing cell-based functional assays.
- Hands-on experience in designing and performing flow cytometry experiments is a must, work experience with Attune Nxt is an asset.
- Solid analytical, critical thinking and problem-solving skills.
- A pro-active approach and high sense for quality, accuracy and detail.
- A team-oriented attitude, flexibility, enthusiasm and ability to work independently.
- Flexible team player excited to collaborate within different teams.
- Ability to report and discuss experimental design and data in English.
- Proficiency in MS Office (excel, word, power point).
- Isolation, characterization and culture of (primary) insect cells is a plus.
- Technical laboratory experience should include Cell Culture (adherent and non-adherent cells), stable cell line generation and quality control, Flow Cytometry (Attune Nxt Flow Cytometer).



What we offer

Teamwork, innovation, passion, well-being and accountability are the Biotalys' values that guide our business and that we prize when we recruit new talent and reward our employees. We strive to create an exciting and dynamic working environment in which you will be challenged to take initiative, contributing to the success of the company. You will work in a multicultural and multidisciplinary team of top innovators in the AgFood Biotech industry who will support you to further develop and grow your personal skills. You will be rewarded with a competitive salary and benefits package.

Interested?

Are you ready to set new grounds and new standards? Please apply by e-mail and send your resume and motivation letter to jobs@biotalys.com.