

Job opportunity

Researcher / Engineer Agrobody® Manufacturing

AgroSavfe NV

The increased attention to food safety and sustainability imposes more and more restrictions on the agricultural practices, while there is a demand for an increased supply of more and healthier food. Therefore, improving production efficiency in a sustainable way, without causing irreparable damage to our environment or depleting valuable resources, is essential. AgroSavfe has the ambition to contribute to a safer production and healthier food. AgroSavfe is focusing on biological molecules to tackle pests and diseases using a novel class of biological control agents based on single domain antibody fragments (Agrobodies®), directed against pests' and pathogens' essential molecules.

More information about AgroSavfe's technology and strategy is available on www.agrosavfe.com

Researcher Agrobody® Manufacturing

The manufacturing group at AgroSavfe is looking for a highly motivated and experienced Researcher to join our team of researchers and scientists tasked with developing a first generation biofungicide Agrobody®.

Specifically, the Researcher will be involved in the development of an appropriate downstream process for large-scale manufacturing of the Agrobody® development candidate. Additionally, the Researcher will be responsible for the lab-scale recovery and purification of sufficient amounts of Agrobody® material to be further characterized and tested in various (bio)assays and field trials, as well as for use in formulation experiments.

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Tasks and responsibilities

The key tasks and responsibilities of the researcher:

- Execute experiments following defined protocols
- Provide creative input for the design of new experiments
- Recombinant protein production starting from microbial cultures using a range of different separation techniques and equipment, e.g. centrifugation, precipitation, micro-/ultra-filtration, chromatography, activated carbon treatment, ...
- The daily activities will include bench scale (0.1-5L) purification R&D and sample analyses such as HPLC, ELISA, electrophoresis and Western blotting.
- Occasional on-site monitoring of Agrobody® manufacturing at contract manufacturers
- Record data, observations and results in a timely manner
- Ensure the laboratory is well-stocked and resourced

Qualifications and skills

The ideal candidate should have at least two of the following qualifications:

- Master of Science in bio-engineering, industrial engineering or a relevant field of Life Sciences
- Proven general lab skills and experience in a manufacturing environment.
- Experience with preparative chromatography, protein crystallization or protein formulation would be a bonus
- Fluent in written and spoken English
- Experience with design-of-experiments and process validation
- Team-oriented attitude, flexibility, ability to multi-task and to work independently
- Scientific integrity

Our offer

We offer you a challenging job in an exciting environment, working for top innovators in the Agro-Biotech industry, developing the next generation biologicals. You can be part of a very dynamic, young and growing team in a highly innovative environment. Your input is highly appreciated. Of course we offer you a fitting compensation package.

Interested?

Please apply by e-mail and send your CV and motivational letter to HR@agrosavfe.com.

For more information visit the AgroSavfe web site: www.agrosavfe.com.