

## Job opportunity

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### (Senior) Research Associate Agrobody® Discovery

#### **AgroSavfe NV**

AgroSavfe is an established green biotech company committed to the development of biopesticides against pests and diseases in fruits and vegetables, and field crops. We are contributing to a safer crop production and healthier food. Our proprietary technology is based on Agrobodies®; the binding domains of camelid heavy chain-only antibodies. As our Agrobodies® are directed against essential molecules of pests and pathogens, they combine a highly specific mode of action with a minimized risk of effects on wildlife, bees, growers and consumers. Agrobodies® can be produced in a cost-effective manner by industrial-scale fermentation. The product can be applied as a spray-on biopesticide, aligned with farmers' practices or in a seed coating to protect crops and harvested products from infections.

AgroSavfe's first research program has resulted in a series of Agrobodies® with antifungal activity against a broad range of fungi. These Agrobodies® are now in full development, focusing on the commercialization of biofungicides for applications on fruits, vegetables and other crops. The challenges we face are substantial but so are the rewards, as we are taking a whole new approach for the development of these novel biopesticides.

#### **(Senior) Research Associate Agrobody® Discovery**

The discovery group at AgroSavfe is looking for a highly motivated and experienced Research Associate to join our team of researchers tasked with developing and testing the next generation of Agrobodies®.

Specifically the Research Associate will be responsible for conducting daily experiments including phage display, molecular cloning, recombinant protein production and affinity purification, ELISA and flow cytometry. Of course, the range of techniques might change according to the company's needs.

#### **Tasks and responsibilities**

The key tasks and responsibilities of the Research Associate:

- Under supervision, execute experiments and apply techniques following defined protocols
- Grow microbial cultures, prepare plasmids and clone Agrobody® constructs
- Develop and perform ELISA and FACS experiments
- Conduct protein analysis assays (SDS-PAGE and Western Blot)
- Record data, observations and results in a timely manner
- Ensure the laboratory is well-stocked and resourced

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### **Qualifications and skills**

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

- Bachelor in Science in a relevant field of Life Sciences (biochemistry, biotechnology, biology, lab technology), or Industrial Engineer
- Proven general lab skills and previous experience in working in an industry environment is a plus. Especially experience in one or more of the following techniques is considered as an advantage: molecular biology, ELISA, flow cytometry, phage display, SDS-PAGE, Western blot, recombinant protein production
- Proficiency in MS Office (excel, word, power point)
- Accuracy in following instructions, record keeping and completion of reports
- 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](mailto:HR@agrosavfe.com).

For more information visit the AgroSavfe web site: [www.agrosavfe.com](http://www.agrosavfe.com).