

## Job opportunity

---

### (Senior) Scientist Strain Engineering

#### **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](http://www.agrosavfe.com)

#### **(Senior) Scientist Strain Engineering**

The manufacturing group at AgroSavfe is looking for a highly motivated and experienced (Senior) Scientist Strain Engineering, to join our team of researchers and scientists tasked with developing a first generation biofungicide Agrobody®.

Specifically, the (Senior) Scientist will Lead the development and implementation of strain engineering activities, interacting with Upstream and Downstream Process teams as well as external service providers, in support of the development of large-scale high-yield manufacturing processes for specific Agrobodies®.

#### **Tasks and Responsibilities**

The key tasks and responsibilities of the (Senior) Scientist Strain Engineering:

- Responsible for the planning, coordination, approach and results within the scope of assigned project activities;
- Develops a robust 'host creation' platform based on one or more industrially important prokaryotic or eukaryotic microbial systems for the (large-scale) manufacturing of specific Agrobodies®; implements and develops state-of-the-art strain/metabolic engineering technology, including reliable high-throughput selection and/or screening methods to generate and optimize stable high-productivity host strains;
- People management: drives recruitment, training, development and performance management of (senior) research associates and researchers;
- Interacting with external contract organizations as required in the context of outsourced host creation activities;
- Strongly interacts with the Discovery and Upstream Process team to streamline the work flows;
- Represents the Strain Engineering function in (project) meetings;
- Reports about the results and progress to the Head of Manufacturing Platform, Product Development Manager, project team, and/or external parties in a clear and concise manner; provides strategic guidance where needed;
- Prepares reports, summaries, manuscripts and other documents as required;

## Job opportunity

---

### **Qualification and skills**

#### Critical knowledge

- Hold a PhD or MSc in Biology, Biotechnology, (Bio)Chemistry, or be a Bio-engineer;
- Deep knowledge of the production technologies applied in the development of innovative (protein based) products, their scale-up and manufacture, with specific emphasis on the host strain requirements.

#### Critical experience

- Have experience with different expression platforms (bacteria, yeast, filamentous fungi, ...) and their use as host for heterologous expression;
- Experience of working in fundamental areas of biological product development technology, and translating this into the manufacturing of innovative, high quality products;
- Previous experience in Ag-biotech is a plus;
- People leadership of a team of high performing technology professionals;
- Working in a matrix organization;
- Problem solving;
- Relevant industry experience (6 - 10 years).

#### Critical technical, professional and personal capabilities

- Be a team player, enthusiastic and flexible, able to build bridges between groups;
- Ability to inspire and motivate others;
- Ability to build strong networks;
- Proven sense for initiative, detail and scientific rigor;
- Ability to manage different work-streams simultaneously with strict timelines for delivery;
- Excellent reporting and communication skills (fluent in English, written and spoken).

#### Critical leadership capabilities

- Creates an environment that supports creativity and sparks innovation;
- Is dedicated to meeting the expectations and requirements of internal and external customers;
- Gains commitment of individuals and stakeholders in a compelling way;
- Collaborates effectively across organizational and functional boundaries, and complement internal expertise with external technologies.

## Job opportunity

---

### **Critical success factors, key challenges & responsibilities**

- Establish a validated manufacturing process for Agrobody-based crop protection products that meets the industry high standards and is cost-effectively;
- Create and protect company IP that secures competitive advantage;
- Driving the development of functional excellence within the Manufacturing Function;
- Management of a small in-house strain engineering team;
- Relationship with service providers for host creation and fermentation.

### **Our offering**

We offer you a challenging job in an exciting environment, working for a top innovator 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). The CV of the applicant should be in English and specify the relevant expertise.

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