



PASSION TO INNOVATE | POWER TO CHANGE

Junior Researcher (Nimbus Lysine) (m/f)

YOUR TASKS AND RESPONSIBILITIES

Researcher (Computational biology, Data analysis and visualization, Web interfaces).

The research team in the innovative multi-disciplinary Nimbus project involving Bayer HealthCare and leading academic research partners are looking for a motivated and skilled person to support data analysis activities with focus on comparative genomics. The project aims to investigate the role of post-translational modification in controlling protein function within pathways contributing to crop yield. Identified proteins and modifications will be biochemically characterized and the results validated by biotechnological approaches.

Tasks:

- Support data analysis activities in the research program. Map evolutionary relationship between post-translationally modified proteins
- Formulate and implement data analysis strategies. Communicate results to team members.
- Maintain and extend an already existing large database of homology relationships
- Make improvements to data management procedures and web interfaces

WHO YOU ARE

- Minimum bachelor in computer science, bioinformatics or equivalent
- You are skilled in programming in Python
- You feel comfortable working in a GNU/Linux environment.
- You have experience in sequence analysis
- You are interested in biology, phylogenetics and molecular evolution
- You can work in an efficient and structured manner using version control
- You are pro-active, an effective communicator and work well as part of a team
- You have good knowledge of English, both written and spoken

Desirable:

- You are familiar with other programming languages e.g. R
- You are familiar with web development, in particular django

Application Period

March 23, 2015 - December 31, 9999

Reference Code

0000123794

Division

Bayer CropScience

Company

BE-Bayer CropScience NV

Location

Gent (Zwijnaarde)

Functional Area

Research & Development

Position Grade

8

Employment Type

Limited Term

Work Time

Full-time



- You are familiar with high-performance computing

CONTACT US

Address

**1831 Diegem
(Machelen)**

Telephone

+32 2 535 66 99

E-Mail

BEHRdirect@bayer.com

