

The power of connected minds



Senior Scientist - Systems Biology

We are the world's leading chemical company because we offer intelligent solutions for our customers and for a sustainable future. We connect and develop people with diverse talents all over the world. For you, this means a variety of ways to advance. Not only your performance but also your personality matter to us, without regard to gender, age, origin, sexual orientation, disability or belief. At BASF, careers develop from opportunities.

BASF Business Services NV is the largest IT service provider for the BASF group in Europe. In addition to that, we provide innovative and competitive IT solutions to customers outside the BASF group. This means excellent opportunities for our roughly 2,000 employees. In Belgium we have about 80 colleagues working for BASF Business Services NV, mainly located in Antwerp and Brussels.

What you can expect

As Systems Biologist you will integrate and analyze molecular and phenotypic data derived from plants, fungi and/or microorganisms. You will drive the innovation of novel systems biology analysis, visualization and interpretation methodologies, and the constant improvement of existing methodologies. You will actively interact with peers and stakeholders to develop the content of work packages, execute the analyses, and communicate about the results.

The position is based in Nevele, Belgium, and is part of an international and interdisciplinary team of scientists in the BASF R&D Digitalization department. The BASF R&D Digitalization Department is responsible for the digitalization of R&D across BASF. BASF has about ten thousand employees working in research and development worldwide.

As Systems Biologist you will engage in the following:

- o Proactively identify and drive the development of Systems Biology methods and analyses, in close interaction with internal customers across BASF.
- o Integration and mining of molecular and phenotypic data from experiments.
- o Design of -omics experiments together with bench scientists and analysis of the results.
- o Interpretation of results, in interaction with specialists in agronomy, white biotech or toxicology.
- o Communication about the work packages and the analysis results to various stakeholders.
- o Interact with customers and potential customers in BASF, and with external companies and academic partners

What we expect

- o PhD in Systems Biology, Computational Biology, Bioinformatics or Statistical Genetics with one year post-doctoral experience in a computational biology related

Working area:

Research & Development

Location:

CropDesign N.V., Nevele

Working hours:

Full-time

Contract type:

Permanent

Reference code:

EN57044029_ONLI_1

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discipline, a Master's degree with 10 years experience or a BS degree with 13 years experience.

- o Experience in computational analyses in plant science and/or agriculture.
- o Experience with scripting and/or programming, relational databases, graph databases.
- o Experienced in machine learning technologies for the computational integration and interpretation of biological datasets.
- o Experience with statistical analysis packages and bioinformatics programs.
- o Excellent written and verbal communication skills.
- o Strong analytical skills to question practices and improve approaches.
- o Strong organizational and work management skills demonstrating the ability focus on multiple issues at one time, meet goals and to attain the desired results, often under time pressure and in a fast changing environment.

We offer

Responsibility from day one in a challenging work environment and "on-the-job" training as part of a committed team.

Competitive compensation including attractive benefits as well as excellent career opportunities in an international company.

Join the best team with more than 110,000 other minds to connect with globally. Explore your BASF career options at on.basf.com/mycareer.