We create chemistry

Biometrics Lead

Agriculture plays a fundamental role in fulfilling many of humanity's basic needs: food, feed, energy. To support growers and those who take care of our environment, BASF develops innovative solutions for farming, pest control and landscape management - so that we can effectively contribute to improving people's lives and business' demands. Come join us on our journey to create solutions for sustainable agriculture at the Innovation Center of BASF Belgium Coordination Center CommV in Gent, Belgium.

LOCATION
Zwijnaarde, BE

COMPANY
BASF Agricultural Solutions Belgium

WORKING HOURS
Full-time

CONTRACT TYPE
Permanent

WORKING AREA
Research & Development

REFERENCE CODE
EN58319320_ONLI_1

RESPONSIBILITIES

The purpose of this role is to lead a high-performance Biometrics team in the implementation of state-of-the-art methods supporting BASF next generation breeding platform for hybrid row crops. In addition, this position will also directly support BASF global wheat breeding program by independently developing, implementing, and supporting data analysis tasks and tools.

- You will lead the development and implementation of molecular breeding processes providing statistical, quantitative genetics, coding, computing and mathematics expertise.
- This includes performing experiment and breeding program design, data analysis for field trials and genetic analyses as well as developing, testing and documenting new data analysis tools and algorithms.
- You will train and support breeders in experimental design and data analysis and also manage the local Biometrics team, allocate tasks and set priorities in line with available resources and team objectives.
- You will be accountable for timely task delivery and technical quality and monitor staff and interactions within the team and with breeders.
- Furthermore, you will contribute to shaping the Biometrics group, its interaction within Seeds and Traits Analytics, Breeding, Trait Research and Trait Development and to the development and implementation of breeding processes such as genomic selection.

QUALIFICATIONS

- You have a Ph.D. degree in statistics or quantitative genetics, with 5 years of relevant experience in applied plant breeding.
- You have experience in leading data scientists.
- You have strong mixed modelling skills and experience with ASREML.
- You have expertise in statistical software (R, BGLR, others).
- You have ability in translating science to practice for superior decision making in breeding.
- You possess a creative and innovative mindset.
- You have good reporting and communication skills and are fluent in English (working language).
- You are comfortable in working in a multicultural environment and are a team player with strong interpersonal communication skills.

BENEFITS

- 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.

Together we can accomplish everything. Through the power of connected minds.

We are looking forward to your online application at www.europe.basf.net/job-option-EN.
We are happy to answer your questions: Email jobs@basf.com | Tel (0) 00800 33 0000 33

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ABOUT US

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.

At BASF, the chemistry is right. Because we are counting on innovative solutions, on sustainable actions, and on connected thinking. And on you. Become a part of our formula for success and develop the future with us - in a global team that embraces diversity and equal opportunities irrespective of gender, age, origin, sexual orientation, disability or belief.

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