Vacancy 26-003

Company

Genetwister is a Dutch biotechnology company founded in 1998 specialized in molecular breeding and bioinformatics of agricultural, horticultural and ornamental plants. With our research we help our customers improve crop quality, stimulate sustainable farming and ensure a reliable food supply for the future. Our shareholders are four global family-owned vegetable and ornamental breeding companies we are proud to serve.

In view of further growth of the company, Genetwister has a vacancy for a

Senior Scientist Bioinformatics

with a focus on machine learning / artificial intelligence

to join our team in Wageningen, The Netherlands.

Your position

As a Senior Scientist Bioinformatics at Genetwister, you will shape and advance Genetwister's machine learning and artificial intelligence research within bioinformatics and plant breeding. As part of the Bioinformatics team, you will drive the development and application of novel computational approaches on large-scale genomic data, with direct impact on modern plant breeding. In this role, you will focus on advanced data analysis and the design, implementation, and optimization of bioinformatics pipelines, particularly novel ML/AI tools and methods to accelerate interpretation of functional genomic data, ultimately providing leads for plant breeding. You will operate with a high level of autonomy and provide scientific leadership across projects and research themes. As an established innovator in your field, you will define new research directions, mentor scientists, and strengthen Genetwister's ML/AI capabilities at a strategic level.

Your profile

- PhD degree in Artificial Intelligence, Bioinformatics, Data science, or a related field.
- Creative scientist with more than five years of post doctoral (academic or industry) experience in working with ML/AI methods, preferably related to genomics data.
- Strong track record of performing independent research, e.g. through first-author publications.
- Excellent understanding of machine learning algorithms and genomics data.
- Proficient in python, R or other relevant programming language, with a good grasp of version control systems (git).
- Experience with project management is preferred.
- Sensitive to client's needs and capable of translating opportunities into attractive research proposals.
- Excellent communication and presentation skills.
- Fluent in English.
- A highly motivated individual who seeks high quality standards in his/her professional employment and values transparency and accountability.
- Strong team player, efficiently working and sharing knowledge in multidisciplinary project teams.

Our offer

Genetwister offers you an exciting position within a dynamic commercial research environment, working alongside professionals who are truly passionate about innovation and application. In this role, you will have the opportunity to continue developing yourself professionally and personally within a multidisciplinary team and contribute to shaping the future of sustainable agriculture.
We offer an excellent package of employment benefits. This includes a market-competitive salary and an excellent pension scheme. Based on a full-time contract you have 24 vacation days and 13 ADV (additional leave) days. Working part-time (4 days) is an option. In addition, our working from home policy provides flexibility to balance your work and personal life effectively.

How to apply

Please send your CV and brief motivation letter before March 16, 2026 to Tina Graafmans, Senior Office Manager at info@genetwister.nl. You can contact Peter van Dam, Team Lead Bioinformatics & Software Development, in case you have questions about this vacancy at p.vandam@genetwister.nl.

Acquisition in response to this vacancy is not appreciated.