genetwister

Vacancy 26–002

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

Scientist Bioinformatics

with a focus on pangenomics and comparative genomics in plants

to join our team in Wageningen, The Netherlands.

Your position

As a Scientist Bioinformatics at Genetwister, you will perform innovative bioinformatics research that advances pangenomics and comparative genomics in the context of 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 innovative data analysis and the design, implementation and optimization of bioinformatics pipelines for data generated by a wide range of high-throughput sequencing platforms. Examples include work on pangenome analysis, marker discovery, novel sequencing-based genotyping methods and comparative genomics analyses of complex plant genomes. You will operate with a high level of autonomy and scientific ownership. Interpreting results in the broader biological and breeding context and translating them into clear scientific insights is a core responsibility of this role. As an innovator in your field, you will contribute to shaping new research directions and support the development of colleagues within the team.

Your profile

- M.Sc. or PhD degree in Bioinformatics, Computational Biology or a related field.
- Creative scientist with more than five years of post-M.Sc. (academic or industry) experience in the field of bioinformatics, preferably experience with graph based (plant) pangenomes and comparative genomics in the context of plant breeding.
- Strong track record of performing independent research, e.g. through first-author publications.
- Experience with project management is strongly preferred.
- Able to translate complex data analyses into clear, visually compelling figures that facilitate biological interpretation and insight.
- Proficient in python, R or other relevant programming language, with a good grasp of version control systems (git).
- 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.