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KeyGene is one of the largest agro-biotech companies in the world. KeyGene delivers sustainable molecular genetic responses to the world's need for stability in the yield, quality and health of crops. KeyGene develops and provides cutting edge and proprietary molecular breeding technologies and innovative trait platforms for accelerated crop improvement. KeyGene is an internationally renowned R&D company with long term partners in both the vegetable crops and in the field crops. Our primary focus is on 6F¹ crops. KeyGene has its headquarters in Wageningen, the Netherlands, a subsidiary in Rockville, USA and a Joint Lab at the Shanghai Institute of Biological Sciences in Shanghai, China.

To support the ongoing development of our breeding technologies, we are looking for an experienced professional to strengthen our team:

MATHEMATICIAN/COMPUTER SCIENTIST

Vacancy number 13.005

Position

To accelerate the development of new crop varieties by its customers, KeyGene's main focus is to analyze, create and exploit genetic variation. Over the past years innovative solutions for the rational design of breeding strategies have been developed. Building upon these innovations, an ambitious research program will be initiated geared towards identification and modeling of novel optimization opportunities in the breeding practice.

In the vacant position, you will design, develop and test algorithms that will provide pragmatic solutions for mathematically highly complex problems. Next to this, you will contribute to other projects on crop and trait development that require technical and statistical processing of data, e.g. image analysis. You will work in a team of scientists from various disciplines such as genetics, statistics and software development and you will closely interact with scientists from other R&D departments within KeyGene. The team operates under supervision of a senior scientist.

Your profile

- PhD in mathematics or computer science
- Knowledge and experience in (discrete) optimization
- Proficient skills in the development of algorithms and strongly motivated by innovation and the application of high-end solutions
- Experience in development in Mat Lab or equivalent environment.
- Experience in programming in R, in an OO language or automatic image analysis will be an advantage
- Flexible attitude and prepared to collaborate out of scientific comfort zone at the crossroads of scientific disciplines
- Good oral and written communication skills in English; command of Dutch is an asset

KeyGene offer

KeyGene offers a dynamic job with a competitive salary and benefits in a vibrant, highly innovative and ambitious research company. You will be able to work on the continuous development of our technology platforms and so contribute to our internationally recognized position in agro-biotech research. KeyGene is located in Wageningen (The Netherlands), a worldwide renowned centre of agricultural research.

More information

Additional information can be obtained from Dr. Jaap Buntjer, Program Scientist Breeding Strategies, telephone +31 317 466866, email jaap.buntjer@keygene.com, or Dr. Roeland van Ham, VP Bioinformatics, telephone +31 317 466866, email roeland.van-ham@keygene.com.

If you are interested in this position you can send your letter of application and resume to: Keygene N.V. Attn. Ms A. Philipsen, HR manager, P.O. Box 216, 6700 AE Wageningen, The Netherlands, or by email: angelique.philipsen@keygene.com. Please mention the vacancy number 13.005 in your application.

www.keygene.com