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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:

QUANTITATIVE/STATISTICAL GENETICIST

Vacancy number 13.006

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 be responsible for translating novel opportunities to enhance the breeding practice into optimization problems. Collaborating closely with mathematicians and professional software developers, you will develop pragmatic heuristics that will be implemented within user-friendly software to be used by breeding practitioners. In addition to this you will provide statistical support within other internal research activities and directly to customers. You will work in a team of scientists from various disciplines such as genetics, mathematical optimization, statistics and software development and you will closely interact with scientists from other KeyGene's R&D departments. The team operates under supervision of a senior scientist.

Your profile

- PhD in plant/animal genetics research relevant to breeding, or comparable level through experience
- Solid background in statistics
- Affinity for (plant) breeding and strong ambition to develop innovative breeding concepts
- Experience and interest in application of linkage analysis, GWAS and GS
- Experienced in the analysis of large quantitative data sets, preferably in R or equivalent environment
- 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 13.006 in your application.

www.keygene.com