Vacancy

Vacancy name	Post-doc Tomato quality improvement
Place:	Wageningen
Department:	Bioscience, Wageningen Plant research
Head:	Gerco Angenent
Contract:	☐ fixed position ☒ temporary position
Start:	~June 2021
Educational level:	☐MBO ☐HBO-BSc ☐University-MSc X Post doc
Hayprofiel:	WR Researcher 4
Hours/week:	36
Themes:	☐Biobased Economy ☐Climate & Water ☒Food Production ☐Nature ☐Landscape
Field:	☒Agriculture / ☐Economics / ☐Health / ☐Natural Sciences

Who we are:
The research group, 'Plant Developmental Systems' is part of the business unit Bioscience of Wageningen Plant Research. The focus of the group is on the molecular regulation of developmental processes, such as flowering, floral organ and fruit development, plant architecture, and embryogenesis with a major emphasis on the role of transcription factors in these processes. The group carries out fundamental and strategic research that has a potential impact on societal challenges and knowledge implementation in economically important crops. A multidisciplinary approach is followed, including molecular and cell biology, plant physiology, bioinformatics and various high-throughput 'omics' technologies. The team consists of a very social and highly motivated group of staff researchers, technicians, and (international) PhD students and post-docs. One research team of Plant Developmental Systems studies various aspects of fruit development and quality, mainly using tomato as model species.

Job/project description:
In the framework of a collaborative project with a breeding company, research will be carried out aiming at improving tomato fruit traits. A focus is on genes that may improve yield, or shelf-life, ripening and other quality traits such as sugar content. Several alleles of these target genes will be created using TILLING or (at WPR) CRISPR-Cas approaches and the phenotypes of the generated mutants will be studied in detail. Furthermore, we aim at further developing CRISPR mutagenesis skills and explore its applications and approaches.

What we are looking for:
An enthusiastic and highly motivated scientist with a PhD degree in Plant Molecular Biology or related disciplines. Affinity for tissue culture and experience with tomato research and CRISPR/Cas technologies is preferred. Candidates should be proficient in English, proactive and independent, and should also enjoy working in an international research environment. The candidate will work in a team of researchers (including company partners), also be responsible for supervision of a part-time technician and therefore he/she should be a team player.

Conditions:
We offer a temporary contract for 12 months, which will be extended with an additional three years upon satisfactory performance. We offer a full-time position (36 hours), but a 0.8 fte contract is optional. Gross salary per month, depending on your experience, is a minimum of €3.615 to a maximum of €4.549 for a 1.0 fte working week of 36 hours in accordance with the Collective Labour

Agreement for Wageningen Research (scale 10). The candidate will be based at the research group Plant developmental Systems of the business unit Bioscience, Wageningen University & Research.

Contact information:

This vacancy will be listed up to and including April 4th, 2021
You can only apply online: http://www.wageningenur.nl/career

For more information about this position please contact prof. dr. Gerco Angenent (gerco.angenent@wur.nl) or dr. Ruud de Maagd (ruud.demaagd@wur.nl)