

WE ARE LOOKING FOR A TALENTED POSTDOC

Do you wonder why seeds can survive for so long? Are you interested to investigate the role that stored mRNAs play in this?

To strengthen the Vici project team, we are looking for a post-doctoral researcher. You will be working in a team with two PhD students, another post-doc and a technician that aim at identifying the mechanisms by which seed stored mRNAs are protected, as such that they remain intact and can be translated during early seed germination.

Within the project you will be responsible for a research project that uses confocal microscopy and in-situ hybridization techniques to determine where in the cell mRNAs are stored.

Besides carrying out the research project, you will contribute to teaching PhD, MSc and BSc students.

WE ASK

You have obtained a PhD in Plant Science or Molecular Biology. You have a publication record in international peer-reviewed journals that shows you are capable of making original and significant contributions to your field. You work in a structured and focused way, and you have solid experience in (plant) molecular biology. Experience with confocal microscopy is a must. You are a team player, with great communication skills and the wish to contribute to the group overall aim. You are creative and enthusiastic about your research, and you are willing to contribute to mentoring and teaching PhD, MSc and BSc students that work with you on the project.

WE OFFER

A challenging postdoc position for three years with, depending on your experience, a competitive salary from a minimum of € 3.123,- to a maximum of € 4.274,- for a full working week of 38 hours in accordance with the Collective Labor Agreement Dutch Universities (scale 10). In addition, an appointment of 0,8 FTE is negotiable.

DO YOU WANT MORE INFORMATION?

For more information about this function, please contact Dr. Ing. Leónie Bentsink
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For more information about the procedure, please contact psg.vacaturemeldingen@wur.nl.
This vacancy is open until Dec 1th 2019.

WE ARE

The mission of our University is to explore the potential of nature to improve the quality of life. Within Wageningen University & Research, nine specialised research institutes from the Wageningen Research Foundation and Wageningen University have joined forces to help answer the most important questions in the domain of healthy food and living environment. With approximately 30 locations, 5,000 employees, and 10,000 students, it is one of the leading organisations in its domain worldwide. An integrated approach to problems and the cooperation between various disciplines are at the heart of the unique approach of Wageningen.

At the Laboratory of Plant Physiology we study plant responses to their environment. We investigate how stress tolerance and plant performance including seed germination in adverse environmental conditions are guided by underlying molecular, cellular and physiological processes. Within the research group led by dr. Leónie Bentsink, we study how stored mRNAs are protected. (see website WUR-PPH: www.pph.wur.nl)

Seeds are able to germinate after many years of storage. For this germination the translation of seed stored mRNAs into proteins is essential. Yet we currently do not understand how seed stored mRNAs can survive these long storage times as, generally, mRNAs have very short survival times. In the recently granted Vici Project "Seeds4Ever" we aim at studying mRNA protection from the physiological to the cellular and molecular level.

