

Student/Research assistant (WHB/WHK)

Open position for a Student Assistant (WHB) or Research Assistant (WHK) to fill a 1-year contract at the Institute for Synthetic Biology, Heinrich Heine University Düsseldorf, in a max. 17 hours/week basis, starting as soon as possible. You will support and be involved in an innovative project on Plant Synthetic Biology within the Cluster of Excellence on Plant Sciences. You will work in a young and motivated team and will have the opportunity to learn state-of-the-art Synthetic Biology strategies. In addition, you will have the opportunity to attend and explain your scientific results in national or international scientific meetings.

Your responsibilities include:

- Get involved in research project and experimental design.
- Cloning genes of interest into target vectors.
- Perform transient expression experiments in Arabidopsis protoplasts.
- Perform transient experiments in developed leaves (e.g., Nicotiana or Arabidopsis) and/or cell culture.
- Perform stable transformation of Arabidopsis plants.
- Luminescent and/or microscopy experiments.
- Data collection and analysis. Statistical evaluation of the results.
- Record the results and maintain an updated and trackable laboratory notebook.
- Be an active laboratory player and get involved in the common duties.

Requirements:

- Bachelor or Master degree in Biology or related field, preferable with a Synthetic Biology and/or Plant Biology background.
- A reliable and independent way of working as well as strong organizational skills.

If you are interested, please send applications and/or questions to:

Dr. Miguel Miñambres Martín
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Telephone: +49 211-81-14380 / +49 211-81-13503

We look forward to your complete application documents.