



The Institute for Molecular Physiology, Faculty of Mathematics and Natural Sciences, at the Heinrich Heine University Düsseldorf is seeking a technician in plant biology to start as soon as possible. The position is offered within the ERC Synergy-funded project “Sympore – Plasmodesmata as symplasmic pores for plant cell-to-cell communication” and is limited until March 31, 2027.

Technician (m/f/d) in plant biology

The international team at the Institute for Molecular Physiology (Alexander von Humboldt professorship) in Düsseldorf investigates current questions in plant biology using state-of-the-art molecular biological, biochemical, and imaging methods. Within the ERC project we want to unravel the structure, function, and evolution of plasmodesmata – enigmatic plant cell-cell connections for communication and nutrient transport. We seek a versatile and dedicated team member for the construction of plasmids as well as the cell culture and transformation of different model plants.

Your tasks

- Cultivation and transformation of different model plants
- Construction and validation of plasmids (CRISPR-Cas9)
- Genotyping of plants via PCR and DNA sequencing
- Performing and analyzing molecular biological, biochemical, and cell biological experiments
- Supporting the group leader
- General laboratory work (preparation of solutions, media, cultivation of microorganisms)
- Lab management (purchase and disposal of chemicals, purchase of laboratory materials, maintenance of laboratory equipment)
- Assisting in the supervision of bachelor's and master's students
- Confocal laser scanning microscopy

Qualification profile

- Candidates with training as a biological technical assistant/laboratory assistant or with a bachelor's or master's degree in biology or a related field
- Experience in plant cell and tissue culture is a plus
- Experience in advanced biochemical, cell biological, molecular genetic and analytic techniques is a plus
- Willingness to learn new techniques is essential
- Detailed documentation of experiments
- Ability to work in a team
- Very good command of English (written and spoken) is an advantage as meetings are held in English and most team members including the group leader do not speak German

We offer:

- A highly motivated, international environment
- Support with the compatibility of family and work (e.g. recreational activities for children)
- Benefits of working in the public service, e.g. yearly special payment
- Employer's pension scheme (VBL)
- Heinrich Heine University Düsseldorf offers advanced vocational training
- An interesting and multifaceted task in Düsseldorf that you can shape through your personal engagement

For questions regarding the position please contact Dr. Manuel Miras (manuel.miras.marin@hhu.de).

The position is to be filled as soon as possible in full-time. It is limited until March 31, 2027. Depending on the individual qualifications, the salary will be up to EG 9b TV-L in the German pay scale group.

Heinrich Heine University represents the principle of „excellence by diversity“. The university signed the “Charter of diversity” and successfully participated in the audit “Designing diversity” of the founder's organisation. It is certified as a family-friendly university and aims at promoting diversity among its employees.

The Heinrich Heine University Düsseldorf aims at increasing the percentage of employed women. In areas where women are underrepresented, female applicants will be preferred in case of equal qualification. Applicants with a disability as described in SGB IX (§ 2 Abs. 2, 3) will be preferred in case of equal qualification.

We are looking forward to receiving your full application by post (not by email) until **June 6, 2022**. In your application, please quote the **reference number 222.22 - 3.2**.

Heinrich Heine University Düsseldorf
Dezernat Personal
40204 Düsseldorf
Germany

