

The following three-year position (part time, half) is now available at the Group of Dr. Kasper van Gelderen, Centre for Organismal Studies, Heidelberg University for until filled:

### **Lab technician / Lab manager in molecular plant sciences (50%, 19,75 hrs/week)\***

Would you like to work on cutting-edge fundamental plant science in a highly regarded institute? Dr. Kasper van Gelderen is recruiting a competent, enthusiastic technician to work within his newly funded Emmy Noether program group '**Light Signaling and Cell Biology**' at the **Centre of Organismal Studies – Heidelberg University**. The group will investigate the basic cell biological principles of how plants perceive light. On offer is an exciting job in an academic environment with varied experimental techniques. You will have the opportunity to assist in setting up a new lab and develop exciting new techniques.

Light perception and responses are essential for plant life and how light can be converted into a biochemical signal is a fundamental question in biology. Phytochromes are the main red light sensors in plants and phytochromes form small (~500nm) subnuclear bodies, which also contain supporting cofactors and downstream transcription factors. The group will work on uncovering the formation and composition of Phytochrome-B photobodies.

\* There is some flexibility with regards to the weekly working hours.

#### **Tasks:**

- The technician will work on growing *Arabidopsis thaliana in vitro* and perform a chemical screen on Arabidopsis to discover new compounds impinging on light perception.
- They will construct transgenic lines starting from gene cloning to plant transformation and selection
- Assist in setting up and running the lab and helping lab members

#### **Essential skills required:**

- A BSc. as a skilled lab technician or MSc. In molecular plant sciences or equivalent.
- Experience with growing and culturing plants *in vitro*, preferable Arabidopsis thaliana,
- Experience with molecular cloning (and the use of cloning software)
- basic molecular and biochemical lab skills (PCR, western blot, basic microscopy).
- To work methodically and meticulously
- Work well with people from various cultures
- Good language skills in German and English
- Basic software skills (Excel, powerpoint)

The position comes with a salary according up to TV-L E9

We await your application which should contain a CV and motivation letter. Please send it before **01.12.2022** to: [kasper.van.gelderen@cos.uni-heidelberg.de](mailto:kasper.van.gelderen@cos.uni-heidelberg.de)

Heidelberg University stands for equal opportunities and diversity. [Qualified female candidates are especially invited to apply](#). Disabled persons will be given preference if they are equally qualified. Information on job advertisements and the collection of personal data is available at [www.uni-heidelberg.de/en/job-market](http://www.uni-heidelberg.de/en/job-market)