

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

Lab technician in molecular plant sciences

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. The position will be for three years.

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. 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
- Fluent English
- Basic software skills (Excel, powerpoint)

What is offered:

- A dynamic work environment in a prestigious research institute
- A fixed term contract for 3 years
- A salary according to TV-L E9 to E12
- working hours: 36-40hrs/week

preferred starting date: October 2022 – November 2022

Closing date: 15-8-2022

To apply send an email with CV and motivation letter to: kaspervangelderren@photobodies.com

For more information about the position please contact Kasper van Gelderen at the same email address, or via twitter <https://twitter.com/GelderenKasper>

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

About Dr. Kasper van Gelderen

Kasper van Gelderen did a Biology Bachelor and Master at Wageningen University (The Netherlands) specializing on Cell Biology. He completed a PhD at the Developmental Genetics group of Prof. Remko Offringa in Leiden, the Netherlands, working on the subcellular regulation of PIN auxin efflux carrier

polarity. More recently, he did two postdocs at the Plant-Environment signaling group of Prof. Ronald Pierik at Utrecht University, working on Far-Red light perception and shoot-root communication of light signaling. With this newly funded project he will combine these two backgrounds and expertise into Light Signaling and Cell Biology.

Centre for Organismal Studies:

The Centre for Organismal Studies (COS) Heidelberg aims to study organismic biology beyond the borders of organisational level. Research and teaching at COS is dedicated to study organismic biology from the basic molecular principles to cell biology, developmental biology and physiology both in plants and in animals and to further extend into evolution, biodiversity, systems biology and biotechnology.

Heidelberg University:

Heidelberg University is a comprehensive university with a strong research orientation and international standards. With around 30,000 students and 8,400 employees, including numerous top researchers, it is a globally respected institution that is also of outstanding economic importance for the Rhine-Neckar metropolitan region.