MAX PLANCK INSTITUTE FOR
BIOLOGY OF AGEING

The Max Planck Institute for Biology of Ageing (MPI-AGE) was founded in 2008 with the aim to understand fundamental mechanisms of healthy ageing. The institute is part of a broad network of research institutions in the Cologne-Bonn area dedicated to research on ageing and age-related disease, constituting a vibrant and collaborative environment for research. Equipped with state-of-the-art technology and excellent core facilities, to which the successful candidate will have access, the institute provides outstanding research opportunities for its scientists. At the moment, we host about 280 employees from more than 30 different nations.

The overarching goal of the Metabolism of Infection Research Group, headed by Dr. Lena Pernas, is to understand how metabolism influences the progression of infectious disease at the cellular and organismal level. We use the genetically tractable human parasite *Toxoplasma gondii* as a model pathogen and combine advanced live cell imaging, protein and metabolite profiling, and genomic screens with molecular and biochemical approaches.

We are seeking a full-time (39 hours/week)

Biological-Technical Assistant (m/f)
(job code 25-2018)

The full-time position is available from January 2019 and will be initially time limited to 2 years.

Tasks

- Experimental assistance on various genomic, biochemistry, and molecular biology related research projects
- Possibility of managing your own project(s)
- Molecular biology and biochemical experiments on different *Toxoplasma* cell culture and mammalian cell lines
- General lab work, organization, management, and support in daily lab duties
- Documentation of experimental results in English
- Attending meetings and technical training of personnel and students

Qualifications

- Professional training as technical assistant (BTA with state accreditation (Technische/r Assistant/in mit staatlicher Anerkennung), BioTA, CTA, MTA), laboratory assistant or equivalent qualification
- Ideally several years of experience working with molecular biology & biochemistry techniques (cell culture, protein analysis, molecular cloning, protein and antibody purification, etc.)
- Experience in sample preparation for Immunoprecipitation / Mass-Spectrometry will be considered an advantage
- Experience with mouse work (incl. genotyping, tissue extraction, staining, etc.), and the respective certification (i.e. a FELASA certificate) will be considered an advantage
- Experience with CRISPR/Cas9-mediated gene editing in mammalian systems and *Toxoplasma* (generation of knockout and mutant cell lines) will be considered an advantage
- Experience in gene expression analysis (qPCR, RNA-seq, etc.) and confocal microscopy is an advantage but not necessary
- Excellent written and oral skills in English (the working language of the lab is English, knowledge of German is not required)
- Proficiency of MS-Office
- Excellent organization skills
- High commitment of responsibility, motivation and collaborative attitude

Offer

We offer an interesting and multifaceted position in an enthusiastic and collaborative team, located in an outstanding, international scientific environment and the possibility of regular training. The employment contract

is based on contracts for the civil service (TVöD-Bund, Tarifvertrag für den öffentlichen Dienst). The Max Planck Society is committed to employ more disabled individuals and especially encourages them to apply.

To Apply
Please upload your complete application documents (in English) as a single PDF file, via our application website under the 'open positions' tab (job code 25-2018) **https://www.age.mpg.de/career-education/open-positions.**

Your application should contain a cover letter describing your relevant work experience, skills, accomplishments, and motivation to join our group, and your CV including a list of publications if applicable and contact information for 2-3 referees. The deadline to apply is 28th October 2018**.**

Informal inquiries (but not applications!) are welcome and should be sent to pernas@age.mpg.de.
Important: Applications that are submitted via email will not be taken into account.
For further information about the Institute see https://www.age.mpg.de/institute/goals/