

## Advertisement

The Jena School for Molecular Medicine (JSMM), a member of the Jena Alliance *Life in Focus* funded by the Carl Zeiss Foundation, invites applications for:

## Doctoral Researcher Positions

The JSMM offers an interdisciplinary graduate program in an inspiring research environment with a unique combination of expertise in molecular and cellular biology, biophotonics, molecular medicine and clinical research. Thematically, research focuses on the molecular mechanisms of ageing and age-related diseases and sepsis and related complications, which represent global health problems. In this context, the JSMM aims to support the interconnection of biophotonic research and clinical medicine. With the new doctoral research positions we want to support projects at the interface of molecular and clinical medicine and biophotonics. The available projects are:

1. Investigating adaptive response mechanisms in autoimmune encephalitis with autoantibodies to the AMPA receptor by super-resolution fluorescence microscopy (Supervision: Prof. Britta Qualmann, Institute for Biochemistry I, and Prof. Dr. Christian Geis, Department of Neurology, Jena University Hospital)
2. Studying REEP1 and REEP2-associated axonal disorders (Supervision: Prof. Christian Hübner, Institute of Human Genetics, University Hospital Jena)

### Requirements:

Excellent master degree (or equivalent) in life sciences (biochemistry, biology, molecular biology and related fields). Candidates in the final stages of obtaining their degree are eligible to apply.

### What we offer:

Fascinating and interdisciplinary research projects in the field of molecular medicine and an interdisciplinary teaching programme at a high scientific level including tailored lectures, visiting scientist seminars, lab courses, soft-skill workshops, and a mentoring program for career development.

### What we expect:

High motivation and passion for research, the ability to work creatively and to enjoy collaborative work, methodological skills, the readiness to take the extra step of interdisciplinary approaches, excellent English communication skills and active participation in our graduate programme.

For application, please submit:

- motivation letter (please, specify 2 of the advertised projects that you are interested in)
- curriculum vitae
- degree certificates
- summary (maximum 3 pages) of your diploma or master thesis
- two letters of recommendation

Please, send your application as one PDF file to

Ms. Anne Knierim, JSMM Office, [anne.knierim@med.uni-jena.de](mailto:anne.knierim@med.uni-jena.de)