



PhD position for 3 years, beginning January 2020

We offer a DFG funded 65% E13 position in a subproject of the research group SYNABS „Synaptic pathology in autoimmune encephalitis“.

We offer an exciting scientific environment and collaborations with experimental and clinical groups, among others at the Universities of Würzburg, Jena, Leipzig, Berlin and Vienna. In our project we investigate the pathophysiology of diseases in which antibodies against glycine receptors occur. Glycine receptor antibodies lead to stiff person syndrome and the life-threatening progressive encephalomyelitis with rigidity and myoclonus. In this work a) the exact binding sites of the antibodies are to be investigated, also using genetically modified mice, b) the antibody-producing cells will be identified and characterized. Close cooperation with clinical project partners is required.

We are looking for an enthusiastic, independently working doctoral candidate (Master degree in Neurosciences, Biology, Biomedicine or similar) who is a good team-worker, with a strong interest in neuroscience. Your commitment to science, interdisciplinary work, motivation and teamwork are important to us. The candidate should take part in the doctoral program of the Graduate School of Life Sciences. Excellent knowledge of the German language is required.

([Http://www.graduateschools.uni-wuerzburg.de/life_sciences/](http://www.graduateschools.uni-wuerzburg.de/life_sciences/)).

Applicants are asked to send a CV, references, publication list, motivation letter and, if applicable, letters of recommendation, by e-mail to:

Prof. Dr. Claudia Sommer, Neurology (sommer@uni-wuerzburg.de)