



The Divisions of Biochemistry (Department of Neuroscience) and Anatomy (Department of Human Medicine) at the Carl von Ossietzky University Oldenburg offer for a joint project a

PhD-position for three years
(TV-L E13/65%)

in the research project "Retinal degeneration protein 3 (RD3) as regulator of nucleotide cycle in brain tissue". The position is supposed to start in August 2018 and should lead to a successful dissertation.

The overall aim of the project is to understand the role of the RD3 protein in the regulation of the nucleotide cycle in cells outside of the retina and its role in tumorigenesis. Expression profiles of RD3 and potential interacting proteins (e.g. guanylate kinase, membrane bound guanylate cyclases) in different brain regions will be investigated and combined with functional studies (enzymatic assays). Functional approaches will be complemented by interaction analysis using biochemical and biophysical techniques.

From a successful candidate we expect an above-average academic university degree (e. g. Master) in Biology, Chemistry, Biochemistry or related subjects and a strong interest in basic research in a collaborative research environment. We require very good mastering of English reading and writing. Our groups are located at the Carl von Ossietzky University, Germany, and are part of several collaborative centres of excellence including the Research Training Group (RTG) "Molecular Basis of Sensory Biology". These collaborations will give you access to a very wide range of superb modern equipment, techniques and expertise. You will become part of a larger team working closely together on related questions. For more information about our groups, see <http://www.biochemie.uni-oldenburg.de/> and <https://www.uni-oldenburg.de/anatomie/>

The University of Oldenburg is dedicated to increasing the percentage of women in science. Therefore, female candidates are particularly encouraged to apply. According to § 21 III NHG (legislation governing Higher Education in Lower Saxony) preference will be given to female candidates in cases of equal qualification.

Handicapped applicants will be given preference in case of equal qualification.

Please send your application in a **single pdf** document (CV, letter of motivation, list of publications, certificates) to either Prof. Dr. Karl-Wilhelm Koch (karl.w.koch@uol.de) or to Prof. Dr. Anja Bräuer (anja.braeuer@uol.de) Carl von Ossietzky University Oldenburg, Faculty VI, D-26111 Oldenburg, Germany.

Applications must be submitted **by June 30, 2018**.

Basic knowledge of the German language is helpful in daily life, but is not a criterion for being accepted or not.