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Doktorarbeit / PhD position

We are seeking a highly motivated, meticulously working PhD candidate with an excellent degree in biology, pharmacy, molecular medicine or biochemistry for a project on GRK4-dependent ciliogenesis in zebrafish and cultured cells. Experience in common techniques (i.e. PCR, cloning, transfection, western blotting, confocal microscopy) as well as zebrafish handling would be of advantage. Fluent English is essential. We offer a grant-funded position (TV-L E13/65%, 3 years) in a well-equipped, very lively department and a work environment always open for new techniques and ideas. The candidate may also apply to become a member of the International Graduate School in Molecular Medicine in Ulm, which offers additional training and benefits. Interested applicants should send a single PDF consisting of a motivation letter explaining their skills and expertise, a short CV as well as copies of their degrees.

The Philipp lab has a track record in the analysis of the physiological relevance of receptor-dependent and -independent signal transduction during vertebrate development (https://www.ncbi.nlm.nih.gov/pubmed/?term=philipp+melanie). In our daily routine we use combined in vivo-/in vitro-approaches (zebrafish, Tetrahymena, cell culture, sequencing of patients, RNAseq, mass spec) to decipher the molecular causes of congenital malformations and work closely with geneticists, molecular biologists and biologists all over the world. The new student is intended to assess the function of the GPCR kinase 4 (GRK4) during kidney development with particular emphasis on the formation of pronephric cilia in the context of patient-derived genetic variants of GRK4.

Please submit your application including the contact details for two references by August 5, 2017 to:

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