

PhD student in Neurobiology of Vocal Communication, University of Tübingen

A Ph.D. position (f/m/d, 50% TVL E13, initially limited to 3 years) is available in the newly established lab for Neurobiology of Vocal Communication at the Institute of Neurobiology, University of Tübingen.

<https://uni-tuebingen.de/de/180099>

The lab focuses on neural circuits involved in flexible sequencing of birdsong. Songbirds are an important animal model for studying learned vocalizations and motor control in general. We are combining neuroethological approaches with behavior training and in vivo electrophysiology to understand how finches learn and modify the sequence of their vocalizations.

The Institute of Neurobiology and the wider neuroscientific environment in Tübingen with the graduate training center for neuroscience provide an ideal and stimulating environment for successful PhD students. For further information about Tübingen, see <https://tuebingenresearchcampus.com/research-in-tuebingen/tnc/>
<https://www.neuroschool-tuebingen.de/>

Requirements:

- M.Sc. in Neuroscience, Biology, Bioinformatics, Cognitive Science, or similar
- responsibility in working with animals
- programming skills in Matlab or Python

Experience with one or several of the following is advantageous: electrophysiology, electronics, Arduino, making and building things, behavioural training of animals, neuronal data analysis, histology

Applications should include a short letter specifying your research interests, CV, copies of relevant certificates and the contact details of two references in a single pdf. Applications and questions contact:

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