The **Institute of experimental epilepsy and cognition** consists of diverse groups focused on interrogating behaviourally-relevant circuits at the molecular, neuronal and network level in both health and disease. We are embedded within the excellent neuroscience community in Bonn being associated with the University of Bonn & the medical centre, DZNE, CAESAR, and LIMES. This engenders a lively environment of scientific discussion and collaboration. The institute is well equipped and has access to excellent core facilities.

Dr. Tony Kelly in the group of Prof. Heinz Beck at the **Institute of Experimental Epilepsy and Cognition** research is looking for:

**A student assistant (m/f)**

- to investigate novel morphological features of dendrites using expansion microscopy for a flexible number of hours/week to perform analysis of microscopic data. Starting as soon as possible.

**Research**

We aim to uncover the fine morphological details of granule cell dendrites and determine how this nanoscale structure dictates the integration of synaptic input. We have performed expansion microscopy of granule cells and now aim to analyse the structure and incorporate this into a computational model.

**Profile**

We are looking for a student in biology, chemistry, neuroscience physics or related field. Position is ideal for individual with a strong interest in neurobiology who plans to pursue further training in microscopy and neuroscience. Aptitude in English is essential.

The University of Bonn is an equal opportunity employer.

For further information please contact Tony Kelly. Please send a cover letter and CV by email as a single PDF:

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