Two PhD-Positions for basic research on the neuroscience of tinnitus

The Universitätsklinikum Erlangen (Bavaria, Germany) invites applications for two PhD positions funded within the framework of "TIN-ACT", an Innovative Training Network (ITN) within the prestigious Marie Skłodowska-Curie Actions (MSCA) of the European Commission.

Tinnitus affects about 50 million people in Europe. In many cases tinnitus leads to concentration problems, insomnia, anxiety, depression, and sometimes even suicide. Unfortunately, still no real cure is available to effectively alleviate tinnitus, mainly due to missing understanding of the neurophysiological mechanisms underlying the development of tinnitus – although a few models are discussed.

The research consortium TIN-ACT which comprises scientists from eight European institutions aims to develop new tools for tinnitus *assessment*, identify the *causes* of, and develop new *treatments* against tinnitus. The two projects located in Erlangen will investigate neuronal correlates of tinnitus by comparing spatiotemporal dynamics of neuronal activation patterns recorded from of our animal model for tinnitus (PhD project 1) with those recorded from human auditory cortex (PhD project 2), with either multielectrode arrays implanted into auditory cortex or a combination of MEG and EEG, respectively.

Applications are welcome from highly motivated students with a genuine interest in the neurobiology of sensory systems. Applicants are expected to have a background (Master's Degree, not earlier than 4 years ago) in Neuroscience, Biology, Physics, Psychology or Computer Science. Language in the lab is English. Due to MSCA regulations, applicants may not have resided or carried out their main activity (work, studies, etc.) in Germany for more than 12 months during the last 3 years. Please send your application (comprising a motivation letter, CV, copies of university degrees, and reference letters or contacts in English) via email as a single pdf-file to

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Application deadline is March 15th, 2018.

More Info:
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