

Do you want to know how cell phones of the newest generation affect brain functions in humans?

PhD student position available

Where: Institute of Pharmacology & Toxicology (Hans-Peter Landolt) / University Children's Hospital (Reto Huber), University of Zurich, Switzerland

Research topic: The effects of electromagnetic fields (EMF) emitted by mobile communication devices of the newest generation (5G) on human brain functions will be examined. The project is supported by the Swiss Federal Office of the Environment. It aims at gaining an understanding of possible molecular mechanisms underlying the effects of 5G-EMF on neurophysiological functions (high-density electroencephalography) in wakefulness and sleep as well as cognitive performance.

Requirements: Completed MSc degree in biology, neuroscience or a related field. Excellent grades and interest in neuroscience, self-motivated and flexible personality, team player. Efficient communication skills and good command of written and spoken English (knowledge of German is an asset). Advanced computer and programming skills are needed. Prior knowledge of EEG analyses is an advantage.

Offer: Interdisciplinary project within the University Center of Competence *Sleep & Health Zurich* (<https://www.sleep.uzh.ch/en.html>). Payment according to the regulations of the Swiss National Science Foundation. The position is available immediately.

We are looking forward to obtaining your complete application material including CV, grades and copies of diplomas, letter of motivation and the names of up to three references by e-mail:

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