

A PhD position is available from June 1st, 2021 onwards at the Institute for Complementary and Integrative Medicine (IKIM), University of Bern.

PhD Position for Integrative Medicine Fundamental Research Project

In this project we are looking for a physicist or chemist to investigate physico-chemical properties of potentized preparations, through two experimental approaches: Nuclear Magnetic Resonance (NMR) relaxation and UV-Vis absorbance spectroscopy.

Tasks

Physical instrumentation (mainly NMR and UV-Vis spectrometers) will be used for this project. We will determine NMR T1 and T2 relaxation properties of potentized preparations, providing information about water structuring. Furthermore, we will perform UV-Vis spectroscopy measurements, also by using specific dye molecules interacting with potentized preparations.

Requirements

We are looking for a highly motivated student with a strong passion for physics and chemistry to join our group. Interest in complementary and integrative medicine with a focus on homeopathy is needed, as well as high levels of scientific curiosity. The position requires a MSc in Physics or Chemistry.

We offer

We offer an enthusiastic research group, an inspiring international research environment, at an attractive working location in Bern. The salary is in accordance with the Swiss National Science Foundation (SNF) regulations.

How to apply

Please send your application, which include a motivation letter, CV and references by email to: alexander.tournier@ikim.unibe.ch who will also answer any questions regarding the project. More information about the institute can be found under <https://www.ikim.unibe.ch/>