



**Centre hospitalier
universitaire vaudois**



2-year post-doctoral fellowship in clinical neuroscience of complementary medicine

[The Center for integrative and complementary medicine \(CEMIC\)](#), Division of Anesthesiology, Lausanne University Hospital, & [The Sense Innovation and Research Center](#), Switzerland are opening a position for a postdoctoral researcher.

We are looking for a skilled and motivated researcher to join our **Clinical Neuroscience of complementary medicine** research Group, led by Professor Chantal Berna. Our current research projects focus on complementary treatments such as hypnosis for acute and chronic pain as well as other disorders involving central processing of sensory perceptions. In order to monitor brain states and their modulation in various acute clinical conditions, EEG studies have been developed in collaboration with Principal Investigators of The Sense (Prof. Micah Murray, Dr Francesca Siclari).

The postdoctoral researcher will have the opportunity to work with already-acquired EEG recordings collected in various clinical and experimental settings (intra-operative, hypnosis treatment for chronic pain, cognitive stress induction, polysomnography), and contribute to the design and data collection of novel experiments.

Job information

Qualifications: PhD or equivalent in neuroscience, psychology or related field; excellent organizational and interpersonal skills; experience in data analysis, interpretation, and write-up

Expected starting date: Spring/Summer 2023 - to be agreed upon

Contract length and activity rate: 2 years; 100%

Employer and Workplace: Lausanne University Hospital (CHUV)

Gross annual salary: 80'000-89'000 CHF, depending on qualifications and according to institutional scales

Language skills: excellent English skills required. Basic French would be an advantage to interact with patients.

Your responsibilities

We are seeking a postdoctoral researcher with a strong background in EEG analyses who would be enthusiastic to work in an inter-professional, collaborative research team. Experience with the application of EEG in clinical populations (e.g. pain), polysomnography, intra-operative EEG or hypnosis would be helpful. The successful applicant will be expected to assist in the writing of manuscripts, grant proposals, and in teaching activities, including the supervision of student projects.

Setting

The Lausanne University Hospital (CHUV) belongs to the Faculty of Biology and Medicine of the University of Lausanne (UNIL), Switzerland. It is one of the five national academic hospitals. [The Center for integrative and complementary medicine \(CEMIC\)](#) is the first European French Speaking Academic Center for this specialty. Beyond research and teaching, it offers different evidence-based complementary medicine techniques (such as acupuncture, meditation, and hypnosis) to help manage symptoms of in- and out-patients. CEMIC works in close collaboration with the Pain Center, a tertiary center for pain management. Our group is expanding and offers a dynamic academic environment immersed in a clinical context, with great opportunities for interdisciplinary clinical research and rich international collaborations.

Our research group is affiliated to [The Sense Innovation and Research Center](#). The Sense is a joint venture between the CHUV, UNIL, and University of Applied Sciences of Western Switzerland Valais-Wallis (HES-SO Valais/Wallis). Its 18 principal investigators are organized along three axes: Perception & Cognition, Action & Repair, and Devices & Data.

Application and contact for further information

Applications should be sent to [Prof. Chantal Berna](#) as a single PDF and must include a motivation letter, CV, reprints, as well as references from at least two individuals. Informal enquiries can also be addressed to Prof. Berna.

The review of applications will start immediately and will continue until a suitable candidate is found.