The SLEEP team (Physiopathology of vigilance states) of the Center for Research in Neuroscience of Lyon (CRNL) is looking for a talented researcher willing to apply for a tenure-track position (permanent position as assistant professor) at CNRS or INSERM French Research Institutes in order to reinforce its task force in the sleep field.

Current research projects of the SLEEP team focus on characterizing the two sleep states (slow wave sleep and paradoxical / REM sleep) and identifying the neuronal networks generating and regulating them. Our team also studies the cortical and subcortical neuronal activity taking place during both sleep states to determine their respective contribution to learning and memory consolidation and sensory integration. We also aim to identify the abnormal processes underlying two deleterious neurodegenerative sleep pathologies, narcolepsy (autoimmune) and REM sleep Behavior Disorder (RBD, a prodromal biomarker of alpha-synucleinopathies as Parkinson's disease). More detailed information can be found at https://lyonsleeplab.cnrs.fr/

In the frame of basic sleep research, outstanding candidates of all nationalities are expected to develop original, competitive and independent experimental projects. The selected candidate will benefit from a one-year post-doctoral position fully funded by the labex Cortex and a unique scientific environment as well as a strong support during the whole application's process.

The CRNL, affiliated to INSERM, CNRS and University Lyon 1, integrates the multidisciplinary expertise of 380 members organized in 18 teams for a synergistic approach on molecular, integrative, cognitive and clinical neuroscience. Its ambition is to investigate the neural substrates of brain functions, such as perception and action, attention, memory and learning, sleep and vigilance, emotion and social cognition, as well as their dysfunctions underlying main neurological and psychiatric disorders.

The CRNL gives access to local high-tech platforms with state-of-the art technics from molecules measurements to brain imaging and behavior monitoring. It relies also on well-structured interactions with an outstanding local medical environment (Neurology/Neurosurgery hospital, CERMEP in-vivo biological and medical imaging platform, Woman-Mother-Child, Psychiatric and Rehabilitation Hospitals) offering a unique access to cohorts of patients and human brain and biological samples.

Applications should include a resume (CV + publication list) and a statement of research interests and accomplishments, including at least 2 references. Applications should be sent to Christelle Peyron (peyron@sommeil.univ-lyon1.fr) by June 30 2021