



## POSTDOCTORAL POSITION IN PRECLINICAL PHARMACOLOGY AND TOXICOLOGY

Applications are invited for one postdoc position to be hired in team “neurogenetics and neurometabolomics” of the research unit “Imaging and Brain” INSERM U1253, at the University of Tours (France).

The position is funded for one year starting as soon as possible and may be extended for additional years. The successful applicant will work on an ambitious project locally supported and implying collaboration with an industrial partner. We aim to test a new therapeutic strategy based on biopharmaceuticals targeting protein aggregates in mice model of Amyotrophic Lateral Sclerosis (ALS). We shall improve the knowledge of the pathogenic impact of protein aggregates in ALS and we will perform the first in vivo test of a promising drug candidate (patent in progress).

The candidate is expected to be highly qualified, independent, and motivated. He/She must hold a PhD in neuropharmacology and an expertise in biopharmaceuticals is highly desirable. The candidate should have published at least 2 first-author publications in top relevant journals, and He/She should have no more than a 2-3 year post-doctoral experience. Applications for non-French and English-speaking candidates will be prioritized. Excellent organisational, communication and writing skills are mandatory. Skills in in vivo drug candidate testing, neurobiology and neuropharmacology are desirable. Experience in molecular biology and protein biochemistry would be very interesting for this project. Animal testing agreement is also necessary.

The applicant will work in a multi-disciplinary and translational team that includes biochemists, clinicians and biologists, combining both excellent communication and complementarity research environments. Our team received recently a strong support from by the Region Centre val de Loire under the program Biopharmaceuticals. The applicant will thus benefit from the expertise and state-of-the-art facilities of the University in molecular biology, cell imaging, omics approaches, and in vivo functional exploration.

For general information about the research unit : see <https://ibrain.univ-tours.fr/>

For the team: <https://ibrain.univ-tours.fr/version-francaise/neurogenomique-physiopathologie-neuronale>

Applications: the candidates should provide a detailed CV, a letter of motivation, contact details of 3-5 individuals and a minimum of 2 reference letters to Pr H el ene BLASCO: [helene.blasco@univ-tours.fr](mailto:helene.blasco@univ-tours.fr)