

CENTRE de RECHERCHE en MYOLOGIE - CENTER of RESEARCH in MYOLOGY

RESEARCH ASSOCIATE (INGENIEUR DE RECHERCHE) TO TEST A GENE THERAPY FOR ALS/FTD

A position for a research associate (ingénieur de recherche) is available in the research group of Maria Grazia Biferi at the Center of Research in Myology (Paris, France).

This position is part of a project that aims to test a novel gene therapy for the most common genetic form of Amyotrophic Lateral Sclerosis (ALS) and Frontotemporal Dementia (FTD), caused by hexanucleotide repeats expansion in the C9orf72 gene. The therapeutic approach consists in the use of newly designed antisense oligonucleotides delivered through viral vectors, in animal and cell models of the disease. Our group has recently used a similar approach as potential treatment for SOD1-linked ALS (Biferi et al, 2017; Prize4Life – Treatment prize).

We are seeking a candidate with a Ph.D. in any area of biomedical sciences, with a strong experience in molecular biology, cell biology and mouse experimentation. Experiences in pathophysiology of nucleotide repeat expansion diseases and genome instability will be an advantage.

The ideal candidate should be strongly motivated to test treatments for rare diseases using *in vitro* and *in vivo* models. She/he will be able to work independently, under the supervision of a researcher. Good knowledge of English and communication skills are required.

The Center of Research in Myology offers an outstanding environment for research in neuromuscular disorders, from basic science to translational approaches and is an ideal place for scientific growth.

The position is to be filled immediately. The contract duration is two years. The salary is established according to the guidelines of the French National Institute of Health and Medical Research (INSERM) for a candidate with 3 years of experience after PhD graduation.

Applicants should submit their detailed CV and cover letter to Maria Grazia Biferi (mg.biferi@institut-myologie.org) and to Marisa Cappella (m.cappella@institut-myologie.org). The cover letter should include the applicant's qualifications, motivation statement, and contact information of two references.