



NMR (MRI & S) methodologist sought

A **permanent position is immediately available** at the NMR Laboratory, Institute of Myology in Paris, for an **NMR methodologist**. Applicants will

- hold a **PhD in physics, engineering or related field**,
- have a minimum of **5 years experience** in NMR,
- have expertise in **sequence programming and data processing**. Knowledge of IDEA and ICE would be significant advantages
- have a strong interest in transferring advanced NMR sequences and concepts to **clinical research protocols**, often aiming at biotherapy monitoring and evaluation.

The successful candidate will work closely with other senior scientists in a multidisciplinary environment. While he or she will be encouraged to introduce new research projects, priority will be given to team work. The post-holder will play a major role in the set-up and the optimization of NMR protocols designed to characterize diseased muscle tissue and/or to assess response to treatment. Assignment will include active participation in laboratory management as well as contribution to the supervision of technical personnel. Help in raising third-party funds is expected, as well as the regular writing of scientific papers. Knowledge of French is an advantage but not a prerequisite.

Brief laboratory description:

- specialisation in tissue characterisation and functional and metabolic studies of skeletal, cardiac and vascular muscles by in vivo NMR,
- 3T whole-body Siemens Trio TIM with full options,
- 4T NMR Bruker Biospec spectrometer-imager,
for human limb and large animal investigations,
plus a 20 cm, 200 mT/m gradient insert for small animals,
- 400 m² lab space,
- 5 permanent researchers and engineers
- strong connections with INSERM, CNRS and Paris VI University

Applicants should submit a CV, a description of scientific career, list of publications and documentation of successful third-party funding and teaching to:

[**p.carlier@institut-myologie.org**](mailto:p.carlier@institut-myologie.org)