Postdoctoral Fellow in Molecular Cell Biology of Metabolic Diseases

A 2-year-postdoctoral position is available immediately at the Institut Necker des Enfants Malades (INEM) in Paris. We work in close collaboration with fundamental cell biologists, biochemists, and clinicians to understand metabolic diseases such as Rhabdomyolysis at the basic and translational level. We are particularly interested in deciphering how autophagy and vesicular transport can modulate the outcome of patients bearing metabolic diseases. We work mostly with primary muscle cells issued from patients, which we use for routine assays (confocal microscopy, Western Blotting, RT-qPCR, etc.) as well as high-throughput techniques that we perform in collaboration (proteomics, exome sequencing, transcriptomics, etc.). Additionally, we use zebrafish as *in vivo* disease model.
We are looking for an experienced, highly independent, and dynamic candidate willing to drive an ambitious project in the understanding of a novel protein, whose absence leads to a serious phenotype (Rhabdomyolysis bouts, cardiac arrhythmia, hypothyroidism, encephalopathy). The candidate should have strong Cell and Molecular Biology skills. Experience with zebrafish is desirable, but not mandatory. High interpersonal skills, team-working ability, and willingness to direct a small team of technicians and engineers are essential. She/He will be in contact with clinicians and pharmacists in order to translate the findings from the bench to the bedside. The candidate will benefit from supportive on-going collaborations and the shared platforms of the INEM and the IMAGINE institute.

Candidates should address their CV, motivation letter, and a publication list to:
Pr. Dr Pascale de Lonlay: pdelonlay@neuf.fr
And/or Sebastian Montealegre: sebastian.montealegre@inserm.fr