

Titre de l'annonce	<h1 style="text-align: center;">Neurofilaments in health and neurodegenerative diseases</h1>
Ville	Lyon
Pays	France
Texte de l'offre	<p>Job offers: postdoctoral scientists & technician/engineer We are seeking highly motivated candidates for neuronal cytoskeleton, to work on a project aiming at fueling innovation in fundamental neurobiology and therapeutic development.</p> <p>Science. Major cytoskeletal component of neurons, Neurofilaments (NFs) provide the structural scaffold of axons and exhibit a rich functional diversity throughout the nervous system (Bomont, Curr Opin Cell Biol 2021 https://doi.org/10.1016/j.ceb.2020.10.011). Important for physiology, NF genes are mutated in several peripheral neuropathies, producing mutant-NF aggregation that is shared by most neurodegenerative diseases in human. With such fundamental and clinical significance, our project aims at decoding the roles of NFs in vivo in a physiological environment, using the zebrafish model. This project has the ambition to decipher the regulation and functions of NFs, and to develop new therapeutic avenues for neurodegenerative diseases.</p> <p>Profiles. 3-year positions for 2 postdoctoral researchers, 3 to 5-year position for 1 technician/engineer. Mandatory for all profiles: curious, enthusiastic & team player. Background in neurobiology. We want to recruit candidates with complementary profiles: experience in ZEBRAFISH or in PROTEOMICS or in applying ADVANCED LIVE MICROSCOPY approaches. Preferred: expertise in cytoskeleton and/or neurodegenerative disorders. French speaking is NOT a requirement.</p> <p>When/how to apply. URGENT: starting date ASAP in 2021. Please send your application in a SINGLE 3 page long pdf, including you CV, summary of your previous research experiences, and contact information of 2-3</p>

	<p>references to: pascale.bomont@inserm.fr</p> <p>Where. Our team recently joined the NeuroMyoGene institute, located in the Rockefeller campus, in the highly dynamic and international city of Lyon, France. Lyon is considered as one of the most attractive metropolises in Europe, with a strong signature in biological science, architecture, & gastronomy.</p> <p>Link to Bomont webpage: https://www.inmg.fr/bomont/?lang=en</p>
Date de fin de publication :	31/08/2021
Type d'emploi	Post-Doctorat - Post-Doctoral position
Date limite de candidature	31/08/2021
Date début de fonction	ASAP
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