

***Call of interest for welcoming MSCA post-doc***

Job Title	Marie Curie Individual Fellowship, post-doctoral position on Itch Research
Main Research Field	Life Sciences (LIF)
Sub Research Field	Medical sciences
Key words	Itch ; pruritus ; neuron ; skin
Job Summary	The post-doctoral fellow will conduct an original project on the pathophysiology of itch, with therapeutical implications.
Job Description	<p>Itch is an unpleasant sensation that leads to the need to scratch. One third of the population can suffer from itch in a week and 1/10 has a severe itch (that needs a treatment). Itchy diseases can be skin diseases (eczema, psoriasis, auto-immune diseases, etc...) but also liver, kidney or blood diseases as well as endocrine and neurological disorders. Because treatments are poorly effective, the research in this field is very active.</p> <p>The candidate will develop a new project using co-cultures of skin and neurons (the model has been designed in the lab) and will perform biochemical and electrophysiological analyses. People with a background in neuron biology, neurophysiology or skin biology are welcomed but atypical profiles are also welcomed, especially researchers that have some knowledges on connections between tissues and electronical devices.</p> <p>The candidate could develop collaborations with worldwide teams and pharmaceutical and cosmetic companies (Pierre Fabre, L'Oréal, Nestlé, Sanofi, Novartis and others).</p>
Supervisor(s)	<p>Laurent Misery is one of the famous specialists on pruritus in the world. He is director of a laboratory that is dedicated to the research on this symptom (<a href="http://www.univ-brest.fr/LNB">http://www.univ-brest.fr/LNB</a>) and he is the author of the most famous book on itch (Pruritus, Springer) and more than 375 international publications). He was awarded as Herman Musaph Prize in 2017.</p> <p>He is involved in numerous clinical trials (see : <a href="http://clinicaltrials.gov">clinicaltrials.gov</a>).</p>
Department/Research	<p>The lab is involved in all fields of research on itch, from basic research to clinical and psychological research. He has designed several models of co-culture of skin and neurons.</p> <p>The lab is one of the 3 leading labs in the world regarding the research on itch.</p> <p>Collaborations with international teams and private companies are very frequent and many projects have been broadly financed by academic grants or contracts with companies.</p>

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Suggestion for interdisciplinary / intersectoral secondments	The project is at the interface between skin biology, neurosciences and possibly electronics and could create innovative collaboration with other teams in Europe.
Skills Requirements	Required Languages: English, French (optional)  1 Postdoc and minimum 2 publications in first authors.