



## POSTDOCTORAL POSITION

### **Position:**

The overall goal of research in our laboratory is to gain a better understanding of the central neuropharmacology of pain. The project of the postdoctoral position will focus on the supraspinal and spinal action of antidepressants and paracetamol on the serotonergic system in animal models of neuropathic pain. The techniques used will include behavioral studies, molecular biology to assess transcriptional, translational and posttranslational changes, microdialysis, immunohistochemistry, and whole-cell patch clamp recordings.

Funding is available for a 1.5 year postdoctoral position in the research unit INSERM U1107 Neuro-Dol, team: "Basic and Clinical Pharmacology of Pain", University of Auvergne, France beginning in May 2015.

### **Request profile:**

A strong expertise in patch clamp recording on spinal cord or cerebral slices is required. Using this technique, the consequences of the serotonergic system activation will be evaluated on glutamatergic and GABAergic synaptic activities (ePSC, sPSC or mPSC recording). As the experiments will be combined with animal pain model or microdialysis, additional training with surgical procedure would be particularly appreciated but not essential. The candidate should have a Ph.D. degree in Biology, Neurosciences, Physiology or related fields.

### **Conditions:**

Funding is available for a salary of 1798 € net salary per month. Applications should include a letter of intent, a CV including publications. If the selected candidates are well motivated during the postdoctoral period they can also be supported by the research unit for applications to permanent research position at INSERM or CNRS.

### **Contacts:**

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### **Web site:**

[www.u-clermont1.fr/neuro-dol.html](http://www.u-clermont1.fr/neuro-dol.html)

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