



Institut
des
Neurosciences
de
Montpellier

Inserm

Institut national
de la santé et de la recherche médicale

Post doctoral position

The Institute for Neurosciences of Montpellier (INM) is an INSERM research centre (<http://www.inmfrance.com>) in the south of France located in a university hospital campus, nearby clinical departments. Research conducted in this 4000-m² building is dedicated to pathophysiology and therapeutic studies on diseases impairing sensory functions. The centre harbors top level equipment to perform multidisciplinary approaches including genome analysis (sequencing, genotyping), routine molecular, histological and biochemical techniques, electrophysiology (patch-clamp, *in-vivo* analysis), neuroimaging (video, confocal, two-photon and electron microscopy) and an in-house animal facility allowing virus-mediated gene therapy and functional investigations.

The overall goal of the team involved in genetics and therapy of retinal blindness is to identify genes responsible for inherited optic neuropathies and pigmentary retinopathies to characterize the pathophysiological mechanisms and set up therapeutic strategies. A post doctoral fellowship is available from September 2007. We are seeking for an **electrophysiologist** with experience in patch clamp technique and a background in neuronal cell culture and biology, to study the responses of retinal ganglion cells in order to develop therapeutic strategies in inherited optic neuropathies. All candidates should submit a letter of intent (2-3 pages), curriculum vitae, names and addresses of three references to :

Dr Christian Hamel

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