

4-year PhD position Neuron-Glia Biology

Twinning project University of Bordeaux (France) - Neuroscience Campus Amsterdam (the Netherlands).

We seek a candidate for a PhD project focusing on Neuron-Glia interactions. The PhD student will work on in the identification of astrocyte-expressed genes involved in adult neuronal plasticity. For this purpose, neuron-glia interactions will be studied both in vitro culture models as in mice, using molecular, cellular and physiological methods.

The candidate will have the unique opportunity to equally interact with the group of Dr. Stéphane Oliet at the Neurocentre Magendie (Inserm U862), Université Victor Segalen Bordeaux (Bordeaux, France) which investigates the role of glial cells in functional and anatomical plasticity of synapses, and the group of Dr. Mark Verheijen at the department of Molecular and Cellular Neurobiology at the Neuroscience Campus Amsterdam (the Netherlands), who studies the transcriptional regulation of neuron-glia interaction and its role in development and function of the synapse.

The candidate should have a training in neuroscience, the main language is English and candidates of all nationalities are encouraged to apply. Previous lab experience is required. Work will be equally carried out in Bordeaux and Amsterdam. Experience with any of the techniques mentioned is an advantage.

For more information on research in the participating groups see www.inb.u-bordeaux2.fr and www.cncr.nl.

Application deadline: April 1, 2010.

For more information on this PhD project you can contact Dr. Stéphane Oliet, Tel. +33 5 5757 3737, e-mail: stephane.oliet@inserm.fr, or Dr. Mark Verheijen +31 (0)20-5987120, e-mail: mark.verheijen@cncr.vu.nl.