

Grup de Recerca en Malalties Neurovasculars

Neurovascular Research Laboratory

The **Neurovascular Research Laboratory** located at the Vall d'Hebron Research Institute (VHIR) in Barcelona is seeking for **candidates to apply for Predoctoral fellowships** this September 2012.

You can visit our web site at: <http://www.lin-bcn.com/>

Project Description

Stroke is one the greatest challenges for our health care system becoming a major cause of death and disability in developed countries. Unfortunately the only stroke-approved treatment so far is t-PA, given within three hours after symptoms onset. This narrow therapeutic time-window makes necessary to identify new **neurorepair strategies** for neurorecovery.

The project consists in the enhancement of endogenous angio-vasculogenic and neurogenic responses after stroke with cell-based therapies.

The candidate will participate in a project involving in vivo and in vitro models of stroke and angiogenesis:

- in vivo models of cerebral ischemia
- treatment with endothelial progenitors to potentiate angiogenesis
- Biochemistry and Molecular Biology techniques
- Pre-clinical Magnetic Resonance Imaging

Requirements

- Candidates must hold a Master's degree after January 2010.
- Marks on Bachelor's degree should be >2 (scale 1-4).
- The candidate cannot hold a PhD degree.

- Accreditation for animal experimentation.
- The ideal candidate should be highly motivated and able to work in a team setting.
- Fluent English is required.

Application deadline: 14 September 2012

Conditions

We seek for a candidate to apply for predoctoral fellowships from:

- the AGAUR agency (Generalitat de Catalunya).
http://www10.gencat.cat/agaur_web/AppJava/catala/a_beca.jsp?categoria=predoctorals&id_beca=19041
- VHIR
http://www.vhir.org/larecerca/ajutsrecerca/Convocatories/convocatories_detall.asp???IDI_OMA=en&mv1=2&mv2=2&any=2012&num=172

Gross Salary: 14400 to 15000 euros/year.

If granted starting date will be January 2013.

Contact:

To apply, please send a statement of your motivation and research interests, a complete CV and, if possible, two references (name and contact) either in English, Spanish or Catalan to:

Dr. Anna Rosell at anna.rosell@vhir.org

You can view publications list at:

<http://www.ncbi.nlm.nih.gov/pubmed?term=rosell%20a%20and%20stroke>