

### ***1. Interested institution:***

**Universitat Autònoma de Barcelona (UAB )** <http://www.uab.cat/>  
**The Institute of Neuroscience** (<http://inc.uab.cat/>)

### ***2. Brief Description of the Institution***

The Universitat Autònoma de Barcelona (UAB) is one of the major public universities of Spain. It is located in Bellaterra, close to Barcelona. Currently, the University offers 81 undergraduate courses, covering a wide range of fields such as humanities and arts, social sciences, health sciences, technology and physical sciences. Furthermore, the UAB offers 84 official Master's degrees, as well as 6 Erasmus Mundus Master's degrees; more than 651 PhD dissertations have been elaborated within its doctoral programs. The University has over 41,000 students, almost 4,600 researchers and teaching staff, and it hosts more than 6,000 foreign students.

The UAB is the second-ranked university in Spain according to the QS WUR Ranking 2014/2015. In the QS top 50 under 50 Ranking 2014 based on QS-WUR 2014-2015 data, which includes universities founded less than 50 years ago, the UAB ranks 10<sup>th</sup> in the world ranking, 2<sup>nd</sup> at European level and is the first-ranked Spanish university.

The UAB has been a partner in 167 projects of the 7FP (2007-2013) acting as the coordinator for 18 of them and received more than 42 million Euros of funding. UAB is hosting 8 excellent project funded by the ERC. Regarding Marie Curie actions, UAB was the first Spanish university in number of projects and hosted 46 Marie Curie fellows. In the framework of H2020, we have been awarded 10 Marie S. Curie projects, 5 of them Individual Fellowships.

The Institute of Neuroscience (INc, <http://inc.uab.cat/>) is a brand-new interdisciplinary institution focused mainly to high-quality research in different aspects of brain function and dysfunction, including mental and neurodegenerative disorders. The center includes twenty-five groups and more than 200 scientists and core facilities. We apply cutting-edge research methodologies based on Biochemistry, Molecular Biology, Cell Biology, Genetics, Behavior and others to study how the brain functions in normal and pathological conditions, and develop novel non-invasive psychological, pharmacological and gene therapeutic strategies to treat human brain diseases. We explore all levels of brain organization from molecules to signaling pathways, from neurons to networks and from brain connectome to complex behaviours in animal models and human patients. Translational research is a main focus of the INc thanks to close collaboration with the main clinical centers in Barcelona (Hospital Santa Creu i Sant Pau, Hospital Vall d'Hebron, Hospital del Mar).

# **“EXPRESSION OF INTEREST” FOR HOSTING MARIE S. CURIE FELLOWS IN SPANISH INSTITUTIONS (CALL MSCA IF 2015)**

## **3. Please tick the areas of research (as established in Marie Skłodowska Curie Actions)**

- |  |   |
|--|---|
| <input type="checkbox"/> Chemistry (CHE)                           | <input type="checkbox"/> Environmental Sciences and Geology (ENV) |
| <input type="checkbox"/> Social Sciences and Humanities (SOC)      | <input checked="" type="checkbox"/> <b>Life Sciences (LIF)</b>    |
| <input type="checkbox"/> Economic Sciences (ECO)                   | <input type="checkbox"/> Mathematics (MAT)                        |
| <input type="checkbox"/> Information Science and Engineering (ENG) | <input type="checkbox"/> Physics (PHY)                            |

## **4. Research / Project Description**

Main research lines and projects (Principal investigator/s):

- Neurobiology of stress and addiction (Drs. A. Armario, R. Nadal)
- Brain Inflammation and glial cells (Dr. B. Castellano)
- Animal and human models of mental disorders (Dr. A. Fernandez)
- Molecular pharmacology and bioinformatics (Dr. J. Giraldo, J. Ortiz)
- Neuroinflammation and oxidative stress (Dr. J. Hidalgo)
- Cell Signaling mechanisms in metabolic, mental and cancer diseases (Drs. JM Lizcano, E. Claro, JM Lopez, JR Bayascas, V. Yuste)
- Memory potentiation and recovery in murine models (Drs. M. Martí-Nicolovius, G. Guillazo-Blanch, Portell-Cortés, P. Segura-Torres)
- Neuroplasticity and regeneration (Drs. X. Navarro, R. López, C. Casas, E. Udina)
- Biomedical research in neurodegeneration (Drs. J. Rodríguez, J. Aguilera, E. Galea, C. Barcia, C.A. Saura)
- Molecular neuropharmacology (Dr. O. Pol)
- Inflammation and tolerance (Dr. E. Fernández)
- Behavioral Neuroscience (Dr. L. Giménez-Llort)
- Neurovascular dysfunction in stroke and cerebral angiopathy (Dr. M. Unzeta)
- Neurosteroids and behavior (Dr. M. Pallarés)
- Medical psychology (Dr. R. Torrubia)
- Digestive motility and chronic diseases (Drs. P. Vergara, V. Martínez, M. Jiménez)

## **5. Who can apply?**

At the deadline for the submission of proposals (10/09/2015), researchers (\*):

X shall be in possession of a doctoral degree or have at least four years of full-time equivalent research experience.

X must not have resided or carried out their main activities in the country of Spain for more than 12 months in the 3 years immediately prior to the abovementioned deadline.

## **6. Contact person**

## **“EXPRESSION OF INTEREST” FOR HOSTING MARIE S. CURIE FELLOWS IN SPANISH INSTITUTIONS (CALL MSCA IF 2015)**

Carlos A. Saura., Associate Professor, Institute of Neuroscience, Universitat Autònoma de Barcelona, Barcelona.  
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### ***7. Applications: documents to be submitted and deadlines***

Brief letter of intention specifying the research line of interest  
Degree and Doctoral certificates  
Complete CV including previous research experience, relevant bibliography and two contact references

Please note that:

- Deadline of the next call for proposals for Marie Skłodowska – Curie Individual Fellowships is **September, 10<sup>th</sup> 2015**.
- Oficina Europea is only responsible for the display of the expressions of interests received by the institutions; further contact and information requests will take place directly between the host institutions and the interested researchers.

(\*) Further details on the Call and additional eligibility criteria can be found at the [Participants' Portal](#)