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# SOLEDAD ALCÁNTARA

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CV

PARTICIPANT AT:

## CONNECTING THE GROWING BRAIN UNDERSTANDING NEUROPAEDIATRIC DISEASES THROUGH SYNAPTIC COMMUNICATION



**November, 26<sup>th</sup>-27<sup>th</sup>, 2015, Barcelona**

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**Soledad Alcántara**, Associate Professor, Department of Pathology and Experimental Therapeutics, School of Medicine (Bellvitge Campus) University of Barcelona, Barcelona, Spain

Graduated in Biological Sciences at the University of Valencia and PhD at the University of Barcelona (UB) in 1995, from 1996 to 2002 she developed her postdoctoral training in various prestigious European and USA Research Centers (INSERM U106, France; Bristol-Mayers Squibbs Pharmaceutical Research Institute, and Scripps Research Institute, USA; etc.), addressing different aspects of the CNS development and regeneration. Since 2003 is the leader the Neural Development Research Group (UB) focused in three main aspects: 1) Identification of BDNF signaling effector genes and their function in cerebral cortex morphogenesis. 2) Regulation of the neurovascular niche during development and its modulation through metabolic and biomaterial approaches to promote CNS regeneration. 3) Identification of biomarkers in congenital and acquired neuropathology of synaptic development. S. Alcántara has conducted several projects since 1999, is member of the Spanish Society for Neuroscience and of the International Society for Neurochemistry, and has an H-index of 28.

B-DEBATE IS AN INITIATIVE OF:



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ABSTRACT

PARTICIPANT AT:

## CONNECTING THE GROWING BRAIN UNDERSTANDING NEUROPAEDIATRIC DISEASES THROUGH SYNAPTIC COMMUNICATION



**October, 6<sup>th</sup>-7<sup>th</sup>, 2015, Barcelona**

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### **Animal Models of Synaptic Diseases**

The lecture will start from the notion that animal models are imperfect copies of human diseases, reviewing our current knowledge of synaptic development and pathology, and animal models. The relevant considerations when modeling a disease of synaptic development with the aim of increasing the success of translational research will be discussed.

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