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### Psychologist

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### Education

2006-2009 Ph. D. in Cognitive Neuroscience of Aging, University of Pierre and Marie Curie (Paris VI), Paris (France) and Facultad de Psicología, Universidad Nacional de Educación a Distancia (UNED), Madrid (Spain).

2008-2009 Master in Clinical Psychology and Psychopathology.  
Adaptation period to make use of professional foreign diploma  
Institute of Psychology Rene Descartes, Paris V University, Paris (France)

1997-2003 Graduate in Psychology (Clinical Psychology). UNED, Madrid (Spain).

### Publications

#### Articles:

**Osorio, A.**, Ballesteros, S., Fay, S., Pouthas, V. (2009). The effect of age on word-stem cued recall: A behavioural and electrophysiological study. *Brain Research*, 1289, 56-68

**Osorio, A.**, Pouthas, V., Fay, S., Ballesteros, S. (2009). Ageing affects brain activity in highly educated older adults: An ERP study using a word-stem priming task. *Cortex Special Issue: Cognitive Neuroscience of Aging*. doi:10.1016/j.cortex.2009.09.003

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MGLUR1b splice variant in the cerebellar cortex. *European Journal of Anatomy* 1, v. 5 : 15-22

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Elezgarai, I., Bilbao, A., Mateos, J.M., Azkue, J.J., Benítez, R., Lázaro, E., **Osorio, A.**, Díez, J., Puente, N., Doñate-Oliver, F., Grandes, P. (2001). Group II glutamate receptor are differentially expressed in the medial nucleus of the trapezoid body in the developing and adult rat. *Neuroscience* 2, v. 104: 487-498.

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Azkue, J.J., Mateos, J.M., Elezgarai, I., Benítez, R., **Osorio, A.**, Díez, J., Bilbao, A., Bidaurrezaga, A., Grandes, P. (2000). The metabotropic glutamate receptor subtype MGLUR2/3 is located at extrasynaptic loci in rat spinal dorsal horn synapses. *Neuroscience Letters* 287:236-238.

Benítez, R., Fernández-Capetillo, O., Lázaro, E., Mateos, J.M., **Osorio, A.**, Elezgarai, I., Bilbao, A., Van der Putten, H., Hampson, D. R., Kuhn, R., Knöpfel, T., Grandes, P. (2000). Immunocytochemical localization of the metabotropic glutamate receptor MGLUR4a in the piriform cortex of the rat. *The journal of comparative neurology* 417: 263-274.

Elezgarai, I., Benítez, R., Mateos, J.M., Lázaro, E., **Osorio, A.**, Azkue, J.J., Bilbao, A., Lingenhoehl, K., Van der Putten, H., Hampson, D.R., Kuhn, R., Knöpfel, T., Grandes, P. (1999). Developmental expression of the group III metabotropic glutamate receptor MGLUR4a in the medial nucleus of the trapezoid body of the rat. *The Journal of Comparative Neurology* 411: 431-440.

Mateos, J.M., Elezgarai, I., Benítez, R., **Osorio, A.**, Bilbao, A., Azkue, J.J., Kuhn, R., Knöpfel, T., Grandes, P. (1999). Clustering of the group III metabotropic glutamate receptor 4a at parallel fiber synaptic terminals in the rat cerebellar molecular layer. *Neurosciences Research*. 35: 71-74.

#### Posters

**Osorio, A.**, Fay, S., Pouthas, V., Ballesteros, S. (2008). Neural correlates of retrieval

from explicit memory as a function of age and depth of processing. *Cognitive Neuroscience Society Annual Meeting*, San Francisco, CA, USA, April 12-15 (2008).

**Osorio, A.**, Fay, S., Ballesteros, S., Pouthas, V. (2008) Correlatos neurales de recuperación en una tarea de memoria explícita en función de la edad y de la profundidad de la codificación de la información. *7º Congreso de la Sociedad Española de Psicología Experimental*, SEPEX 2008. San Sebastián-Donostia, Spain, April 3-5 (2008).

Fay, S., **Osorio, A.**, La Corte, V., Pouthas, V., Isingrini, M. (2006). Effets de l'âge et de la profondeur du traitement en memoire explicite: une etude electrophysiologique. *Journée scientifique en hommage à F.I.M. Craik "Mémoire et vieillissement cognitif"*, Bordeaux, France, 22 Septembre (2006).

Díez, J., Puente, N., Elezgarai, I., Benítez, R., **Osorio, A.**, Azkue, J., Mateos, J.M., Bilbao, A., Knöpfel, T., Grandes, P. (2001). Arrangement of voltage-gated K<sup>+</sup> channel KV3.1 and the metabotropic glutamate receptor MGLUR7 in the mouse hippocampal CA3 region. *Society for Neuroscience (2001 program ) Ed.: Society for Neuroscience*, Washington D.C.: 252.493.2.

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