
DR. AINHOA BILBAO

Date of birth: 2 March, 1974
Gender: female

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Current position: Head of Research Group Behavioral Genetics
Children: none



CURRICULUM VITAE

University education

1993 - 1997 School of psychology, University of Deusto (Spain)

Scientific degrees

2004 PhD in Psychology, Complutense University of Madrid. Thesis: Endogenous Cannabinoid system and drug addiction: possible therapy for alcoholism.

Professional experience

since 2012 Head of Research Group “Behavioral Genetics”, Central Institute of Mental Health Mannheim.

2007 - 2011 Postdoctoral state with Prof. Rainer Spanagel, Institute of Psychopharmacology, Central Institute for Mental Health Mannheim.

2005 - 2007 Postdoctoral state at Imabis Foundation with Dr. Fernando Rodríguez de Fonseca, Carlos Haya Hospital, Málaga, Spain.

Awards and honors

None

Editorial boards

Member of the Editorial Board of “Addiction Biology”

Memberships, panels and coordinating functions

None

5 most important publications

- Bilbao A**, Robinson JE, Heilig M, Malanga CJ, **Spanagel R**, Sommer W, Thorsell A. A pharmacogenetic determinant of mu-opioid receptor antagonist effects on alcohol reward and consumption: Evidence from humanized mice. Biol Psychiatry 2014; in press
- Bilbao A**. Advanced transgenic approaches to understand alcohol-related phenotypes in animals. In: Current topics in behavioral neuroscience (CTBN). Behavioural neurobiology of alcohol addiction, Springer, Book Chapter 2013;13:271-311.
- Dong L, **Bilbao A***, Laucht M, Henriksson R, Yakovleva T, Ridinger M, Desrivieres S, Clarke TK, Lourdasamy A, Smolka MN, Cichon S, Blomeyer D, Treutlein J, Perreau-Lenz S, Witt S, Leonardi-Essmann F, Wodarz N, Zill P, Soyka M, Albrecht U, Rietschel M, Lathrop M, Bakalkin G, **Spanagel R**, Schumann G. Effects of the circadian rhythm gene period 1 (per1) on psychosocial stress-induced alcohol drinking. Am J Psychiatry 2011;168:1090-8.
- Bilbao A**, Parkitna J, Engblom D , Perreau-Lenz S , Sanchis-Segura C , Schneider M, Konopka W , Westphal M, Breen G , Desrivieres S , Klugmann M , Guindalini C , Vallada H , Laranjeira R, Rodriguez De Fonseca F, Schumann G , Schütz G , **Spanagel R**. Loss of the Ca²⁺/calmodulin-dependent protein kinase type IV in dopaminergic neurons enhances behavioral effects of cocaine. Proc Natl Acad Sci USA 2008;105:17549-54
- Engblom D,* **Bilbao A***, Sanchis-Segura C*, Perreau-Lenz S, Balland B, Dahan L, Lujan R, Halbout B, Mameli M, Rodriguez Parkitna J, Parlato R, **Sprengel R**, Lüscher C, Schütz G, **Spanagel R**. Glutamate Receptors on Dopaminergic Neurons influence the Persistence of cocaine-seeking behavior. Neuron 2008;59:497-508(*equal contribution)