# Clara Touriño-Raposo

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## I. CURRENT ACADEMIC RANK AND POSITION

Postdoctoral fellow.

Luis de Lecea lab. Psychiatry and Behavioral Sciences Department, Stanford University.

## II. RESEARCH INTERESTS

I am interested in the neural bases of reward, reinforcement and decision making, and the mechanisms by which drugs of abuse chance those circuits leading to addiction.

## III. EDUCATION

PhD in Neuropsychopharmacology by Pompeu Fabra University, Barcelona (Spain) 2009.

BS on Human Biology by Pompeu Fabra University, Barcelona (Spain) 2003.

## IV. PUBLICATIONS

Adamantidis AR, Tsai HC, Boutrel B, Zhang F, Stuber GD, Budygin EA, Touriño C, Bonci A, Deisseroth K, de Lecea L. Optogenetic interrogation of dopaminergic modulation of the multiple phases of reward-seeking behavior. *J Neurosci*. **201 (**31), 10829-35 (2011).

Touriño C, Zimmer A, Valverde O. THC prevents MDMA neurotoxicity in mice . *PLoS One*. **5**(2), e9143 (2010).

Touriño C, Oveisi F, Lockney J, Piomelli D, Maldonado R. FAAH deficiency promotes energy storage and enhances the motivation for food. *Int J Obes (Lond)*. **34**(3),557-68 (2010).

Touriño C, Ledent C, Maldonado R, Valverde O. CB1 cannabinoid receptor modulates 3,4-methylenedioxymethamphetamine acute responses and reinforcement. *Biol Psychiatry*. **63**(11), 1030-8 (2008).

Touriño C, Maldonado R, Valverde O. MDMA attenuates THC withdrawal syndrome in mice. *Pscychopharmacology*. **193**(1), 75-84 (2007).

Soria G, Mendizábal V, Touriño C, Robledo P, Ledent C, Parmentier M, Maldonado R, Valverde O. Lack of CB1 cannabinoid receptor impairs cocaine-seeking behaviour. *Neuropsychopharmacology*. **30**(9),1670-80 (2005).

**V. AWARDS**

**FI** predoctoral fellowship from the *Agència de Gestió d'Ajuts Universitaris i de Recerca, Generalitat de Catalunya* (2004).

**BE** fellowship for research internships outside Catalunya *Agència de Gestió d'Ajuts Universitaris i de Recerca, Generalitat de Catalunya* (2006).

Beatriu de Pinós postdoctoral fellowship from the *Agència de Gestió d'Ajuts Universitaris i de Recerca, Generalitat de Catalunya* (2009).

Alicia Koplowitz fellowship for advanced education from the Alicia Koplowitz foundation (2009).

Bernard Cohen Postdoctoral Fellowship (Dean's fellowship) award. Stanford University (2010).

**VI. WORKSHOP AND MEETING PRESENTATION**

"Lack of CB1 cannabinoid receptor impairs cocaine-seeking behavior". 14th Annual Symposium of the International Cannabinoid Research Society, Napoli, Italy, 2004 (Poster).

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"Participation of dopamine D2 receptors in acute and chronic effects of THC". 5th Annual Meeting of the Spanish Cannabinoid Research Society, Sevilla, Spain, 2004 (Oral comunication).

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"Lack of CB1 cannabinoid receptor produces changes in MDMA effects ".15th Annual Symposium of the International Cannabinoid Research Society, Clearwater Beach, FL 2005 (Poster).

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"MDMA attenuates THC withdrawal syndrome in mice". 11th General European Behavioral Pharmacology Society Meeting, Barcelona, Spain 2005 (Poster)

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"Involvement of CB1 cannabinoid receptor in the addictive properties of 3,4-Methylenedioxymethamphetamine (MDMA)" 6th Annual Meeting of the Spanish Cannabinoid Research Society, Barcelona, Spain 2005 (Oral communication).

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“Involvement of CB1 cannabinoid receptor on effects induced by MDMA”. 36th annual meeting of the Society for Neuroscience. Atlanta, GA 2006 (Poster).

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“CB1 and CB2 receptors reduce MDMA-induced inflammatory response in mice striatum”. 37th annual meeting of the Society for Neuroscience. San Diego, CA 2007 (Poster).

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“CB1 and CB2 receptors reduce MDMA-induced inflammatory response in mice striatum”. 17th Neuropharmacology conference on cannabinoid signalling in the nervous system. San Diego, CA 2007 (Poster).

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“Lack of FAAH increases food motivation and decreases lipid metabolism”. 8th Annual Meeting of the Spanish Cannabinoid Research Society, Barcelona, Spain 2007 (Oral communication).

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“THC prevents MDMA-induced neurotoxicity” 9th Annual Meeting of the Spanish Cannabinoid Research Society, Barcelona, Spain 2008 (Oral communication). **Awarded as Best Communication**.

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"Optogenetic stimulation of hypocretin neurons reinstates cocaine-seeking behavior" 40th annual meeting of the Society for Neuroscience. San Diego, CA 2010 (Poster).

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"A2 noradrenergic neurons induce fear and control the sensitivity to anxiety-related behavioral responses" 50th Annual Meeting of the American College of Neuropsychopharmacology. Waikoloa Beach, HI 2011 (Poster).

**VII. RESEARCH INTERNSHIPS**

Daniele Piomelli's Laboratory. Pharmacology Department. Gillespie Neuroscience

Reseach Facility. University of California Irvine. July – December 2006.