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Glucocorticoid signaling in a rat model of post-traumatic stress disorder

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List of publications

Ding J, Chen X, Han F, Meijer OC. An Advanced Transcriptional Response to Corticosterone After Single Prolonged Stress in Male Rats. *Front Behav Neurosci* 2021, Nov 17.

Ding J, Chen X, da Silva MS, Lingeman J, Han F, Meijer OC. Effects of RU486 treatment after single prolonged stress depend on the post-stress interval. *Mol Cell Neurosci* 2020, Oct; 108.

Ding J, da Silva MS, Lingeman J, Chen X, Shi Y, Han F, Meijer OC. Late glucocorticoid receptor antagonism changes the outcome of adult life stress. *Psychoneuroendocrinology*. 2019, Sep; 107: 169-178.

Ding J, Han F, Wen L, Xiao B, Shi Y. The role of β -arrestin-2 on Fear/anxious-related memory in a rat model of Post-traumatic stress disorder. *J Affect Disord*. 2017, Apr 15; 213: 1-8.

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Han F, **Ding J**, Shi Y. Expression of amygdala mineralocorticoid receptor and glucocorticoid receptor in the single-prolonged stress rats. *BMC Neurosci*. 2014, Jun 19; 15: 77.

Ding J, Han F, Shi Y. Single-prolonged stress induces apoptosis in the amygdala in a rat model of post-traumatic stress disorder. *J Psychiatr Res*. 2010, Jan; 44(1): 48-55.

Curriculum vitae

Jinlan Ding was born on 6 October 1981 in Lanxi, Heilongjiang province, China. In September 2001, she started her bachelor program 'Clinical medicine' and received her bachelor's degree in June 2006, at the Mudanjiang Medical college, Mudanjiang, Heilongjiang province, China. Later on, in September 2006, she was admitted as a postgraduate and majored in 'histology and Embryology' at the China Medical University, Shenyang, China. During this 3-year master program, she completed her thesis and obtained her master's degree in June 2009. Subsequently, she worked in the Teaching and Research Section of Histology and Embryology, China Medical University, Shenyang, China. In 2015, she studied as an on-the-job doctoral student at China Medical University and obtained her doctoral degree in June 2020.

In 2016, she was awarded financial support from the China Scholarship Council and started her another PhD program in January 2017 under the supervision of Prof. dr. Onno. C. Meijer, at the Division of Endocrinology of the Department of Internal Medicine, Leiden University Medical Center, Leiden, The Netherlands. Her research mainly focused on the sensitivity of GR and the treatment of GR antagonist in post-traumatic stress disorder. The results of her PhD studies are presented in this thesis.

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