

INcitate knowledge

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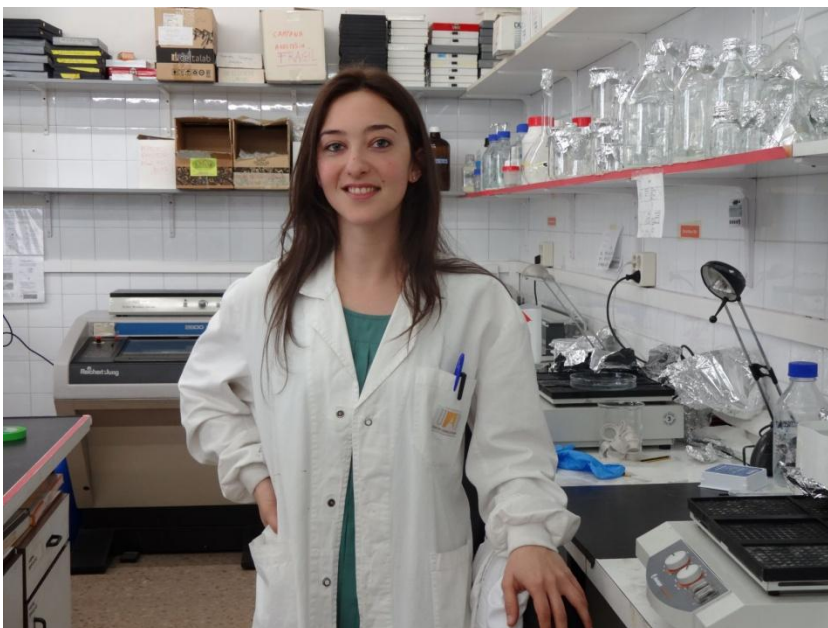
Neurobiology of stress and addiction- Dr. Antonio Armario and Dra. Roser Nadal

1.- What research are you currently developing?

Now, we are studying how effects caused by stress and drug exposure are transmitted intergenerationally through epigenetic modifications using the rat as an animal model.

2.- How is the day-to-day inside your laboratory?

The day-to-day in the lab, mainly working with animals, could be very diverse. The work schedule is adapted to the current experiments. Most of the experimental procedure is done in the morning. Then, in the afternoon you try to organize the following day. After the end of the experiment, the day-to-day becomes quite different. We spend all day analyzing the samples and the data obtained during the experiment. In addition, you need to read a lot about your field of interest to learn more about your topic.



3.- What therapeutic applications do you think can your research have?

Although our work is focused on basic research, I believe that our work is needed to improve our knowledge of human behavior and psychopathology. The identification of risk factors for pathologies such as

drug addiction could provide valuable information for developing preventive strategies and therapeutic targets.

4.- How you encourage future scientists to be part of neuroscience research?

I strongly encourage undergraduate students who think that Neuroscience could be a good career opportunity to try to enroll in a scientific project. This job catches my attention from the first moment. You have the opportunity to work in a constant learning environment that enable you to permanently discover fantastic thinks related to the brain functioning as well as human and animal behavior. These are the reasons why Neuroscience seems amazing to me and why I am a Neuroscientist.