

Scientific Report to ECNP
(ECNP Research Internship 2016)

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Host Institution: Dr Laurence Lanfumey , INSERM, Paris, France

Home Institution: Prof. Gabriel Nowak, Polish Academy of Science, Kraków, Poland

Participation in ECNP Research Internship in was a great opportunity and unique experience for me. Dr Lanfumey and the members of her laboratory were very kind and I was warmly received.

The main goal of this internship was to learn the behavioural model and tests on mice. During that time I had an opportunity to learn animal model posttraumatic stress disorder (PTSD) and intraperitoneal (*i.p.*) injection on mice. During this two week I learn how to perform behavioural tests such as open-field, novel object recognition test (NOR) and elevated-plus maze (EPM). I am going to apply this tests and model within the projects scheduled in my laboratory.

I also participated in interesting lectures, which was about the participation of serotonin in the pathogenesis of depression (Marc G. Caron, PhD, Duke University Medical Center).

To sum up, I am very thankful to Dr Lanfumey and I would like to thank ECNP for giving me the opportunity to make this scientific exchange during my PhD studies. Participation in this internship helped me to develop new plans for my future career. I gained experience in animal research and learned new skills that will hopefully facilitate future projects. I hope that this scholarship is a beginning of future collaboration, which will contribute to better understanding the mechanisms underlying the depression.

