

During the stay at National Institute of Mental Health (Klecaný, Czech Republic), I have obtained comprehensive introduction to the principles of transitional neuroscience: from the researches in animal models to humans in the context of neuropsychiatric disorders and their treatment. I had a unique chance to explore the efficient collaboration between clinicians and researchers in the field of biomarkers' search. The main focus of the visit was on the collection of up-to-date information and practical tips for EEG recordings in animals: I have gathered detailed technical requirements for the EEG recording equipment that is suitable for use in animals; I have learned the stages of animal preparation, surgery and postsurgical care; I have been guided through the steps of EEG and single cells recordings in animals (rats) and subsequent data processing steps. The EEG/ERP paradigms that are/might be applied for translational purposes were discussed, stressing out critical issues. I also had a chance to overview the behavioural paradigms being used to test psychosis-like state in animals. The visit provided an opportunity to establish co-operation relationships with National institute of Mental Health for further exchange of experience and scientific cooperation.

Kind regards,

Inga Griskova-Bulanova