

Secondment in Medizinische Universität Innsbruck

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From January 2020 to April 2020, I could do my first secondment of my project number 8 in TOBeATPAIN network. My main goal was to replicate my previous data obtained in UKJ for a neuroinflammation model using other different approach and model. Normally, I work in UKJ with in vivo recordings of Cortical Spreading Depression (CSD) in rats in order to check if the brain homeostasis is disrupted. For my secondment in MUI, hosted by Prof. Michaela Kress, I developed an own protocol for an in vitro model. In that case I performed Multi Electrode Array (MEA) experiments with mouse slices to check if the model I established in Jena is replicable or if I can get more clues about it.

During my Secondment I was lucky to work surrounded by good and skilled researchers that taught me in the MEA technology in order to achieve the main aims of the Secondment. Working hard, I could get a good set of data that confirm our previous results and that gives us information about what could be happening in the first stages of the model. Moreover, during the secondment they suggested me several ideas to do in Jena afterwards.

During the last month of the secondment, the circumstances were not the best as in the whole world: the COVID19 impact also affected to the way of work. However, I could finish the experiments as they were planned.

Apart from work, I enjoyed the city. Innsbruck is so beautiful and I was amazed with the Alps as a background everywhere. Also, as the secondment took place in winter, I enjoyed the snow as well (and it was my first time seeing a snowfall). Moreover, it was a nice opportunity to be in touch with Jeiny Luna-Choconta and Cristiana Dumbraveanu (ESRs in Innsbruck) to share moments with them.



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