

## **CV Filip Maciag**

Filip studied biotechnology at Warsaw University of Technology, Poland. In his Bachelor's thesis, he focused on fabrication of microfluidic devices for cell culture. His Master's thesis was devoted to abnormal Ca<sup>2+</sup> signaling in a model of Huntington's disease.

After completing university education, Filip started PhD studies at the International Institute of Molecular and Cell Biology in Warsaw. There, he concentrated on characterization of transgenic mouse lines with neuronal overexpression of store-operated calcium entry proteins.

In September 2020 Filip transferred to Prof. Heine's group where he investigates the role of STIM proteins in synapse organization, neurotransmission and synaptic plasticity. His research tools include electrophysiological recordings in acute brain slices, dissociated and organotypic neuronal cultures as well as Ca<sup>2+</sup> imaging.