Non-Scientific Report of a Short-Term Scientific Mission

Action number: CA19105 – Pan-European Network in Lipidomics and EpiLipidomics
Grantee name: Zhixu Ni

Title: Machine learning methods to define functional lipid collectives from LC-MS lipidomics datasets
Start and end date: 06/03/2023 to 14/04/2023

My name is Zhixu Ni, from Technical University Dresden. This spring I visited Tomáš Pluskal Lab at IOCB, Prague (the Czech Republic) for six weeks in the frame of EpiLipidNET STSM. During this time, I was trained in the application of Machine Learning techniques specifically for lipidomics data analysis. This was an invaluable opportunity for me to gain hands on experience with cutting-edge technology from the leading experts in the field!
I met young scientists from different fields and had nice discussions in many topics. Learning new methods in a new environment was exciting and resulted nice outcomes. In addition to achieving the planned objectives of the project, this experience significantly enhanced my soft skills. This is a bonus to the technical knowledge I gained, and will be beneficial for my research career.