

TRAVEL GRANT REPORT

Scientific exchange in the laboratory of Prof. Andrea Brancale

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Virology

Author of report

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After our work on an inhibitor that targets the viral RNA of SARS-CoV-2 in collaboration with the research group of Prof. Andrea Brancale, I was invited for a 3 months internship at the University of Chemistry and Technology in Prague.



Team of Prof. Andrea Brancale and Dr. Petra Cuřínová

During this time abroad, in the team of Prof. Andrea Brancale and Dr. Petra Cuřínová, I learned the *in silico* techniques used in the drug discovery field. I used them to select new potential inhibitors of SARS-CoV-2 for which we will evaluate their potency at the Institute of Microbiology in Lausanne. This work strengthens the collaboration between our two groups of research. I have also successfully used the methods learned for two different ongoing projects.

This internship gave me the possibility to learn new techniques used in my field of research and allowed me to apply them to my current projects that will benefit from the knowledge acquired. From a personal perspective, this stay will have a positive impact on my future career. I would like to thank the team of Prof. Andrea Brancale for their warm welcome and the Swiss Society of Microbiology for the financial support of this scientific exchange.