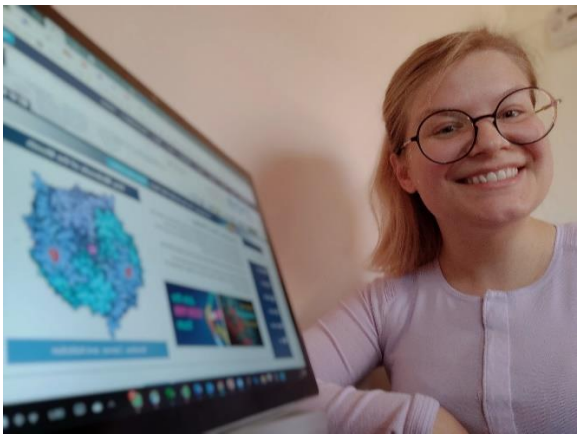

Anna Sophia Kamenik Albertini

I am a computational chemist and postdoctoral researcher at ETH Zürich. In my study, I am looking at the structures and dynamics of pharmaceutically relevant biomolecules. I use MD simulations, for example, to model the interactions of drug candidates with protein targets.

In my WSC2021 submission, I am depicting one monomer of the COVID-19 main protease and its interactions with an inhibitory molecule discovered in February 2020. Besides vaccines, antiviral drugs are a guiding light of hope in the planet's battle against SARS-CoV-2.

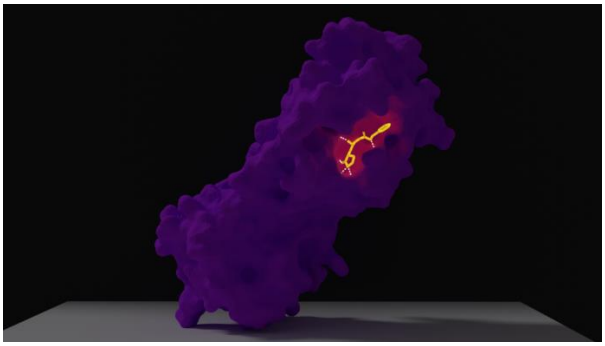

Photo1: https://commons.wikimedia.org/wiki/File:Antivirals.tif (1st, non-photographic media)

Social media contacts:

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- Facebook: sophal.kern

Previous winner: no.