

Workshop on directed evolution of proteins

CasProt

Košice

May 2nd, 2023 – Tuesday

9:00	<i>Welcome and opening remarks - Erik Sedlák</i>	
9:05-9:50	Andreas Plückthun:	Protein evolution
10:05-10:50	Daniel Rozbesky:	Mammalian cell-based protein production
11:05-11:50	Lenka Džúrová:	Molecular Farming in Barley

May 3rd, 2023 – Wednesday

9:00-9:45	Martin Toul:	Rational protein engineering driven by kinetics
10:00-10:45	Michal Nemergut:	Identifying a new aggregation hotspot in Alzheimer's disease: Opportunities for drug discovery
11:00-11:45	Ľuboš Ambro:	Production and purification of recombinant proteins: pitfalls and problem solving

May 4th, 2023 – Thursday

9:00-9:45	Stanislav Stuchlík:	Solubility as a challenge for expression and purification of recombinant proteins
10:05-10:50	Rostislav Škrabana:	Preparation of intrinsically disordered proteins; their structure and biophysics
11:05-11:50	Veronika Hovanová:	From macroscopic measurements to microscopic events

May 5th, 2023 – Friday

9:00-9:45	Gabriel Žoldák:	The application of nanomechanical studies for protein engineering
10:00-10:45	Veronika Huntošová:	Fluorescence and imaging of proteins in cells
11:00-11:45	Erik Sedlák:	Genetically encoded photosensitizers
12:00	<i>Closing remarks - Erik Sedlák</i>	



This project has received funding from European Union's Horizon 2020 research and innovation program under grant agreement N° 952333