Workshop on Digital Bioeconomy: Convergence towards a bio-based society

Tuesday 20 February 2024

Poster session: Poster session/Coffee break - Lecture hall of the central library (10:45 - 11:45)

time	[id] title	presenter
10:45	[15] TopEnzyme significantly improves classification of enzyme function by incorporating computational enzyme structures.	VAN DER WEG, Karel
10:45	[13] TransMEP: Transfer learning on large protein language models to predict mutation effects of proteins from a small known dataset	STRODEL, Birgit
10:45	[14] Engineering PET-degrading enzymes – targeting the energy barrier for PET binding	JAECKERING, Anna
10:45	[18] Engineering of an organic solvent tolerant esterase based on computational predictions	SCHARBERT, Lara
10:45	[16] Quantum Mechanics/Molecular Mechanics (QM/MM) simulations: A modeling tool for Biomedicine and Biotechnology	Dr ALFONSO-PRIETO, Mercedes
10:45	[17] Design and Learn: Computational tools for guiding the development of a sustainable bioprocess	Mr BEN AMMAR, Aziz VAN DEN BOGAARD, Samira
10:45	[21] Exploring the Microbial Symphony - Unveiling the Dynamics of Biogas-Producing Communities	MAUS, Irena
10:45	[20] Open Source Tools and FAIR Data Formats for Mass Spectrometry Lipidomics	HOFFMANN, Nils
10:45	[19] Seed-to-plant-tracking: Automated phenotyping and tracking of individual seeds and corresponding plants	HUBER, Gregor
10:45	[22] Prediction of more thermostable ApPDC variants by Constraint Network Analysis and ProteinMPNN to enable an industrial application	BECKER, Daniel Fritz Walter
10:45	[23] Amine transaminase engineering based on constraint network analysis and machine learning	DOCTER, Steffen