



CALL FOR PAPERS

ICEDNE 2021
Mar 22-23, 2021
Istanbul, Turkey

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICEDNE 2021 : International Conference on Enzyme Design and Natural Evolution is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Enzyme Design and Natural Evolution. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Enzyme design
Computational enzyme design
Rational computational design
Rational homology driven design
Challenges in enzyme design
Computational challenges
Experimental challenges
Catalytic antibodies
Directed evolution
Natural evolution and enzyme redesign
Enzyme-like proteins by computational design
Active-site design
Biomolecular catalysis

Non-natural reactions
Protein engineering
Theozymes
Filtering, ranking, and evaluating computational designs
The inside-out approach to computational enzyme design
Challenges in enzyme design
Diels-alder reaction
Kemp elimination
Aldol/retro-aldol reaction
Decarboxylation-catalyzed ring-opening reaction
Protein-protein interactions
Protein-ligand interactions