



CALL FOR PAPERS

ICPETA 2022
Apr 29-30, 2022
Jerusalem, Israel

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.

ICPETA 2022 : International Conference on Protein Engineering, Toxins and Antibiotics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Protein Engineering, Toxins and Antibiotics. 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:

Antibiotics, toxins and protein engineering

Toxins that target the ribosome

Toxins that target eukaryotic elongation factor 2-Diphtheria

toxin and Pseudomonas exotoxin

Toxins that target tRNA - bacterial colicins and the eukaryotic

γ -toxin

Mechanism and action of antibiotics

Tetracycline and other antibiotics that target the 30s ribosomal subunit

Chloramphenicol and other antibiotics that target the 50s ribosomal subunit

Aminoglycoside antibiotics -

antibiotics that affect translational fidelity

Protein engineering

Incorporation of unnatural amino acids into proteins

Use of ribosomal

frameshift-suppressor tRNAs and editing-defective aminoacyl-tRNA synthetases

In vitro evolution of proteins

The translational apparatus and human diseases

Epilogue