



# CALL FOR PAPERS

**ICBA 2023**  
**Nov 08-09, 2023**  
**Dubai, UAE**

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.

ICBA 2023 : International Conference on Bioenergetic Analysis is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Bioenergetic Analysis. 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:

Mechanism of Photoinduced Electron Transport in Isolated Chloroplasts  
The Energized Movement of Ions and Water by Chloroplasts  
Light-Induced Ion Transport  
Light-Induced Proton Transport in Chloroplasts  
Correlation of Light-Induced Proton Transport with Ultrastructural Changes in Chloroplasts  
Light-Induced Potassium Efflux  
Light-Induced NH<sub>4</sub><sup>+</sup> Transport  
Energy-Linked Reactions of Plant Mitochondria  
Enzymic Formation and Utilization of Nucleoside Triphosphates  
Intracellular Distribution of UQ  
Content of UQ in Respiratory Chain Preparations  
Biologically Active Forms of UQ  
Extraction-Reactivation Experiments on the Role of UQ

Enzymes Reducing and Oxidizing UQ  
Redox Reactions of the Constituent UQ  
Energy-Linked Reactions in Chemoautotrophic Organisms  
Energy-Linked Reactions  
The Energy-Linked Reduction of Pyridine Nucleotide  
The Reversal of the Chemoautotrophic Substrate Oxidation  
Aerobic Pathways of ATP Generation  
The Electron Transfer Chains  
The Energy-Linked Reduction of Cytochrome  
The Reaction Sequence  
The Functioning Electron Transport System  
Respiration and Adenosine Triphosphate Synthesis in Nuclei  
Isolation of Nuclei and Criterion of Purity