



CALL FOR PAPERS

ICABESB 2023
Jan 18-19, 2023
Rome, Italy

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.

ICABESB 2023 : International Conference on Advanced Biomechanical Engineering and Synthetic Biology is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advanced Biomechanical Engineering and Synthetic Biology. 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 systems and their applications, including enzyme reactors, purification, and applied aspects of protein engineering
Animal-cell biotechnology, including media development
Applied aspects of cellular physiology, metabolism, and energetics
Biocatalysis and applied enzymology, including enzyme reactors, protein engineering, and nanobiotechnology
Biothermodynamics
Biofuels, including biomass and renewable resource engineering
Biomaterials, including delivery systems and materials for tissue engineering
Bioprocess engineering, including kinetics and modeling of biological systems, transport phenomena in bioreactors, bioreactor design, monitoring, and control

Biosensors and instrumentation
Computational and systems biology, including bioinformatics and genomic/proteomic studies
Environmental biotechnology, including biofilms, algal systems, and bioremediation
Metabolic and cellular engineering
Plant-cell biotechnology
Spectroscopic and other analytical techniques for biotechnological applications
Synthetic biology
Tissue engineering, stem-cell bioengineering, regenerative medicine, gene therapy and delivery systems