



CALL FOR PAPERS

ICSMESB 2022
Dec 16-17, 2022
Barcelona, Spain

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.

ICSMESB 2022 : International Conference on Systems Metabolic Engineering and Synthetic Biology is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Systems Metabolic 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:

Metabolic pathway engineering
New metabolic pathways for valuable products
Metabolic pathway optimization
Synthetic biology tools for metabolic engineering
Systems metabolic engineering
Enzyme engineering
High throughput technologies for metabolic engineering
Subcellular metabolic engineering
Metabolic engineering in non-model organisms
Transcriptional regulation of metabolic pathways

Multivariate-modular metabolic pathway engineering
Biosensors for metabolic engineering
Cell consortia metabolic engineering
Directed evolution for strain improvement
Computational modeling for pathway engineering
Biochemical engineering
New methods in biochemistry, molecular biology, or microbiology for metabolic pathway engineering
Combinatorial pathway engineering
Multiplex metabolic pathway engineering
Refactoring natural product and other metabolic pathways