



# CALL FOR PAPERS

**ICABS SB 2020**  
**Jun 05-06, 2020**  
**San Francisco, USA**

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.

ICABS SB 2020 : International Conference on Advanced Biocatalysis and Synthetic Biology is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advanced Biocatalysis 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