



# CALL FOR PAPERS

**ICMBA 2020**  
**Oct 22-23, 2020**  
**London, United Kingdom**

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.

ICMBA 2020 : International Conference on Metallic Biomaterials and Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Metallic Biomaterials and Applications. 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:

Metallic biomaterials  
Metallic interatomic bonding  
Crystal structures and phase transformations  
Diffusion in metals  
Interatomic forces and elastic moduli  
Plastic deformation and structure-sensitive properties  
Corrosion resistance  
Metals and processes for implant fabrication  
Additively manufactured metallic biomaterials  
Multi-functional biomaterials

New metals and alloys for application in medicine and biology  
Advanced production techniques for metallic biomaterials  
Mechanical properties of metallic biomaterials  
Anti-microbial and infection-resistant implants and metallic biomaterials  
Biomaterial-tissue interfaces  
Mechanical properties of metallic biomaterials  
Coatings and surface treatments of metallic biomaterials  
Biodegradable metallic biomaterials including magnesium, zinc, iron, and their alloys  
New areas of application for metallic biomaterials  
Surface patterning of metallic biomaterials