



# CALL FOR PAPERS

**ICCBMD 2021**  
**Jun 03-04, 2021**  
**New York, 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.

ICCBMD 2021 : International Conference on Cardiovascular Biomechanics and Monitoring Devices is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Cardiovascular Biomechanics and Monitoring Devices. 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:

Cardiovascular biomechanics  
Anatomy and physiology of the cardiovascular system  
Cardiovascular biomechanics in health and disease  
Novel structural models of vascular mechanics  
Evaluation of structure-function relationships in extracellular matrix  
Myocardial mechanics in heart failure  
Role of blood flow in changes in vascular cell expression  
Role of flow factors in bicuspid aortic valves  
Hemodynamics of congenital heart disease  
Solid and fluid mechanics  
Blood and blood flow

Excitation-contraction in the heart  
The venous system  
The microcirculation  
Medical imaging  
Modelling of the cardiovascular system  
Patient specific modelling  
Measurement of the mechanical properties of biological tissues  
Hypertension  
Atherosclerosis  
Aneurysms  
Cardiovascular prostheses