



CALL FOR PAPERS

ICCBB 2020
Jun 11-12, 2020
Copenhagen, Denmark

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.

ICCBB 2020 : International Conference on Cardiovascular Biomechanics and Biofluids is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Cardiovascular Biomechanics and Biofluids. 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