



# CALL FOR PAPERS

**ICMCAS 2020**  
**Sep 23-24, 2020**  
**Vancouver, Canada**

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.

ICMCAS 2020 : International Conference on Medical Cybernetics and Artificial Systems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Medical Cybernetics and Artificial Systems. 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:

Medical cybernetics  
Medical research and practice  
Biomedical research and health  
related questions  
Quantitative descriptions of  
biological dynamics  
Systems theory in medical sciences  
Modelling of physiological dynamics  
in the intact and diseased  
organism  
Medical information and  
communication theory  
Mathematically describing signaling  
processes and information storage  
in different physiological layers

Connectionism  
Information processing in neural  
networks  
Medical decision theory  
Biocybernetics  
Complex systems  
Cybernetics  
Systems theory  
Prosthetics