



CALL FOR PAPERS

ICABMPHT 2022
Jan 28-29, 2022
Istanbul, Turkey

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.

ICABMPHT 2022 : International Conference on Applied Biophysics, Medical Physics and Healthcare Technologies is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Applied Biophysics, Medical Physics and Healthcare Technologies. 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:

Active matter

Applications in biomedical and materials science

Applied Biophysics, Medical Physics and Healthcare Technologies

Biomimetic structures and systems

Computational biophysics

Correlative, multiscale and functional imaging

Drug discovery and delivery

Evolution, ecology, collective and emergent behaviour

Experimental and computational approaches to protein design

Forces in and between cells: filaments, membranes and walls

Imaging molecules of life

Imaging the cell

Mechanosensing and mechanoregulation

Membrane permeation: channels

Membrane permeation: transporters

Membrane-active peptides

Modelling, inference, big data

Molecular and cellular processes of energy transduction

Molecular machinery

Morphogenesis and development

Motility and migration

Multiscale biophysics of membranes

Nanobiophysics

Optogenetics and neural systems

Physics of cancer

Protein folding and assembly