



# CALL FOR PAPERS

**ICBKMMMS 2020**  
**Jan 30-31, 2020**  
**Sydney, Australia**

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.

ICBKMMMS 2020 : International Conference on Biomolecular Kinetics, Molecular Modeling and Simulation is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Biomolecular Kinetics, Molecular Modeling and Simulation. 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:

Biomolecular kinetics  
Biomolecular kinetics and  
thermodynamics  
Cellular dynamics and  
thermodynamics  
Thermodynamics and kinetics of the  
interactions of proteins  
Conformational dynamics  
Molecular mechanisms of biological  
implications  
Phytochelatin synthase  
Theoretical analysis of protonation  
in proteins  
Fluorescence-based investigation of  
ligand binding to proteins  
Noncovalent biomolecular  
Bonding forces  
Free energy, enthalpy, entropy, and  
interfaces  
Immobilized protein/ligand  
interactions

Protein binding  
Data plotting and analysis  
Spectroscopy and fluorescence  
Cell surface titration  
Orientation-dependent interactions  
Biomolecular interaction kinetics  
Enzyme kinetics  
Receptor signaling and kinases  
Receptor endocytosis and down  
regulation  
Protein lifecycles and  
localization  
Cell growth kinetics and  
bioreactors  
Spatial heterogeneity  
Diffusion and pharmacokinetics