



Contribution ID: 193

Type: **Invited Talk**

Research highlights from the Molecular Bio-computations and Drug Design Research Group at UKZN

Prof Mahmoud Soliman (<http://soliman.ukzn.ac.za/>) will provide a presentation that highlights the various research scopes and outcomes of research that is being conducted in his research group at UKZN over the last 8 years with more emphasis on the applications of computational simulations and the contribution of CHPC in drug design and discovery as well as capacity development. A few selected research topics will be presented such as: the irony of chirality; covalent drug inhibition; does drug size matter; and other topics.

Supported Student

Primary author: Prof. SOLIMAN, Mahmoud (UKZN)

Presenter: Prof. SOLIMAN, Mahmoud (UKZN)

Session Classification: HPC Applications

Track Classification: Computational Chemistry