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Type: **Invited Talk**

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

*Monday, 2 December 2019 13:30 (20 minutes)*

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**

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**Track Classification:** Computational Chemistry