



# Biophysics in Africa - 2023

## Monday 25 September 2023

### Computational biophysics: Computational Biophysics (09:00-11:00)

-Conveners: Tjaart Krüger

time	[id] title	presenter
09:00	[98] Investigation of the Impact of the Ionic Liquid on the Solubility of Acyclovir Derivative through Computational Analysis	MTANGA, MICHAEL
09:30	[95] Molecular Dynamics Simulation on the Structural Stability and Solvation of Irinotecan in Water and Organic Solvents	Mr MEDARD, Martin
10:00	[92] Probing binding affinity of human acetylcholine esterase for steroidal pregnanes as promising inhibitors through molecular modelling investigation	Dr OGUNYEMI, Oludare
10:30	[96] DEVELOPMENT OF BIOCOMPATIBLE DRUG CARRIERS FOR IMPROVED DRUG LOADING AND RELEASE PROFILES	GRATION, Gerald

# Tuesday 26 September 2023

## Computational biophysics: Computational Biophysics (13:30-14:30)

-Conveners: Lawrence Norris

time	[id] title	presenter
13:30	[85] Discovery and Characterization of Cancer Mutations on DNA Transaction Enzymes	CISNEROS, G. Andres
14:00	[99] Investigation of the Structure, Stability, and Solubility of Psilocybin in Water and Pure Organic Solvents: A Molecular Simulation Study	Dr PAUL, Lucas