

Biophysics at ISOLDE

Wednesday, December 7, 2011 1:40 PM (20 minutes)

Due to the complexity of systems in living matter nuclear techniques are not commonly used in biology and biochemistry. By approaching from simple inorganic complexes we aim to elucidate the fundamental chemistry of heavy metal ion integrations with proteins. This furthermore involves studies on de novo designed peptides, naturally occurring proteins, plants and recently also bacteria.

We will present ^{199}mHg -PAC data on proteins and in vivo systems as well as results from the first beta-NMR experiments on soft matter ever performed.

Author: STACHURA, Monika (University of Copenhagen (DK))

Presenter: STACHURA, Monika (University of Copenhagen (DK))

Session Classification: Solid State and Biophysics II