SEMINARIO *Tech4Bio*:

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Aula Convegni

CNR- Area di Ricerca di Tor Vergata

Via Del Fosso Del Cavaliere, 100

MOLECULAR DYNAMICS SIMULATIONS TO INVESTIGATE BIOMOLECULES INTERACTIONS

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A number of interesting problems in biophysics are related to the study of proteins such as conformational changes, protein-protein interaction, interaction with specific biological molecules able to regulate or modify protein structure and functionality.

In this seminar I will show the Molecular Dynamics (MD) approach to the study of such kind of systems and how MD simulations can be of help not only in interpreting experimental results but also in inspiring new experiments.