



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

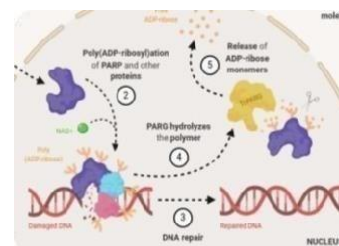
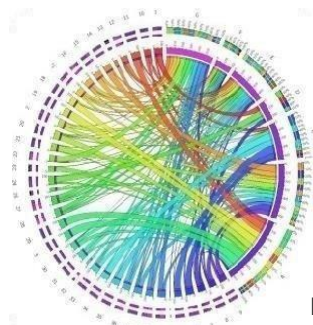
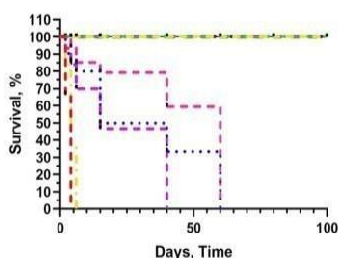
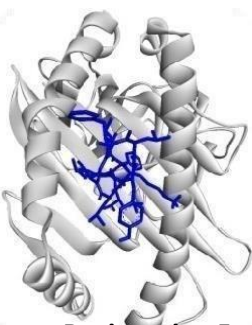


Centre for Molecular and Nanomedical Sciences
International Research Center (IRC)

Organizing

Three day Online Workshop on “Molecular Docking and Biological Software Packages for Data Analysis” (to attain effective Publication)
(15.06.2023 to 17.06.2023)

Molecular docking is a key tool in structural molecular biology and computer-assisted drug design. The goal of ligand-protein docking is to predict the predominant binding mode(s) of a ligand with a protein of known three-dimensional structure. This workshop will provide the clear view and hands on exposure to molecular docking between target proteins and plant or chemical ligands that act as drug candidates, using AutoDock Vina (peptide construction using Chimera, retrieving ligands and proteins files, PDBQT preparation, grid generation, docking, result analysis using discovery studio). In the theme of software packages for data analysis in Molecular Biology, we cover ImageJ, OriginPro, Graphpad Prism, Map Chart, BioRender and Circos Plot. This workshop will be useful to design your own research plan and aids to achieve data in publication standard.



Registration Fees

UG/PG Students: Rs. 1500/-
Research Scholars: Rs. 2000/-
Faculty/Industry Person: Rs. 2500/-

Organizing Secretary

Dr. S. Jackson Durairaj,
Scientist 'D' - IRC

Scan the QR for
Registration



Hardcopy certificate will be issued.

Individually, technical support will be provided.

Two weeks post-workshop support will be provided.

AnyDesk support will be provided for software installation.

Workshop Tutor

Mr. R. Kamarajan M-Tech, PhD
Scholar (SRF), IRC

Contact

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International Research Centre,
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Science and Technology,
Chennai, India.
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7418071726

Workshop Co-ordinators

Dr. S. Johnson Retnaraj Samuel, Scientist 'D' - IRC
Dr. A. Madan Kumar, Scientist 'C' - IRC
Dr. Beryl Vedha, Scientist 'C' - IRC

Link for registration:

https://docs.google.com/forms/d/e/1FAIpQLSd7t4AOHMolckd34PuCYMSAfRIRaFuYKT1fv8hzibslblZGow/viewform?usp=sf_link