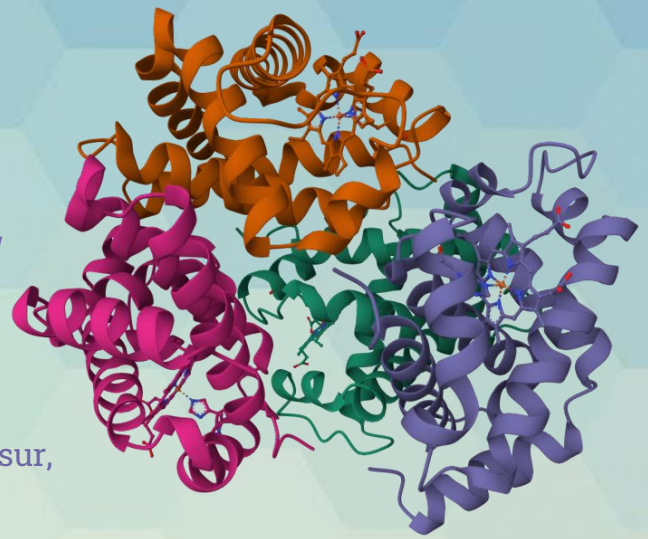
Scientific Bio-Minds
Life begins here...

DR Biosciences

Hands on Training and Workshop on Computational Drug Discovery



Important Dates

Registration open: 10 Jan 2024
Last date for Registration: 25 Feb 2024
Batch-1: 28–29 Feb, 2024
Batch-2: 01–02 Mar, 2024

Registration fees

UG Students: 500/-
PG Students: 600/-
Research Scholars: 1000/-
Faculty & Industry : 1500/-

Venue

DR Bioscience & Scientific Bio-Minds
#17, KK Chambers, 1st Floor, Bettahalasur,
Bengaluru - 562157
Karnataka, India
Email: scientificbiominds@gmail.com
Mobile: +91-9844158444

Course Content

Day-1

- Introduction to Drug Discovery and Development
- Disease Target identification
- Bioinformatics Methods to identify disease targets
- Sequence Analysis
- Protein Structure Prediction
- Molecular Modelling
- Active Site prediction
- Hands on Session

Day-2

- Lead discovery and Analog Based Drug Design (Rational approaches to lead discovery based on traditional medicine, Random screening, Non-random screening, lead discovery based on drug metabolism, lead discovery based on clinical observation.)
- Quantitative Structure Activity Relationship (QSAR)
- Virtual Screening techniques: Drug likeness screening, Concept of pharmacophore mapping and pharmacophore based Screening,
- Molecular docking: Rigid docking, flexible docking, manual docking, Docking based screening.

(Registration Fees including Certificate)

For Registration and queries contact
Prashantha C N (+91-9844158444)
Email: scientificbiominds@gmail.com

Learning Outcomes

- Hands on Training in essential computing skills in drug discovery
- Working with bioinformatics software's, Tools and databases
- Explore Chemoinformatics and Drug Discovery concepts
- Mechanism of Structure and Ligand based drug discovery process

Registration fees

Registration Form

Participants are requested to fill the registration form along with course fees before: 25 Feb 2024.
https://forms.gle/dmnqmbMM3M3SZ34w7