ABOUT THE WORKSHOP

Natural products have immense potential for drug discovery because of their rich phytochemistry. The understanding of the complex interactions between a plethora of chemical moieties and a number of biological targets need computational methods. In silico pharmacological methods have facilitated the understanding of drug and disease targets and helped to speed up the drug discovery and development process. AYUSH systems (Ayurveda, Yoga and Naturopathy, Unani, Siddha, Tibetan medicine and Homeopathy) have a lot to offer for addressing healthcare challenges. In silico methods include data mining, quantitative structure-activity relationships, pharmacophores, molecular modelling, machine learning, network and data analysis tools. In silico approaches have the potential to explore, identify, and repurpose the natural compounds from traditional systems for addressing unmet medical needs thereby promoting multi-target drug discovery.

The workshop will be useful for faculty and students working in the area of AYUSH research and pharmaceutical sciences. The sessions will include hands on activities, case studies, panel discussion, software training and interactions with experts. The seats are limited. The participant selection will be based on statement of purpose and relevance of their projects.

REGISTRATION

The aspiring participant should register using - Google Form on or before 27th June, 2019. The selected participants will be informed by an E-mail. Registration fees are as follows: Students: ₹ 2500, Faculty: ₹ 3000 & Industry representative: ₹3500 (including breakfast and lunch)

Highlights of the workshop: ● Overview of Bioinformatics and Systems Biology ● Network Pharmacology ● Opportunity to interact with experts ● Molecular Docking ● Drug Repurposing

Venue: Bioinformatics Centre, Savitribai Phule Pune University, Pune - 411007
Date: 8th to 10th July 2019
Time: 9.00 AM to 5.00 PM

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