

Network Pharmacology

Network pharmacology is an interdisciplinary science based on pharmacology, network biology, systems biology, bioinformatics, computational science, and other related scientific disciplines. In particular, it is a network-based science. The NETWORK PHARMACOLOGY (ISSN 2415-1084) is an open access (BOAI definition), peer/open reviewed online journal (users are free to read, download, copy, distribute, print, search, or link to the full texts of the articles) that considers scientific articles in all different areas of network pharmacology. It devotes to understand the network interactions between a living organism and drugs that affect normal or abnormal biochemical function. It tries to exploit the pharmacological mechanism of drug action in the biological network, and helps to find drug targets and enhance the drug's efficacy. The goal of this journal is to keep a record of the state-of-the-art research and promote the research work in these fast moving areas. The scope of Network Pharmacology covers but not limits to:

- Theories, algorithms, models and software of network pharmacology
- Network construction and interactions prediction
- Theories and methods on dynamics, optimization and control of pharmacological networks (here generally refer to disease network, disease - disease, disease - drug, drug - drug, drug - target network, network targets - disease, and drug targets - disease network, etc.)
- Network analysis of pharmacological networks, including flow (flux) balance analysis, topological analysis, network stability, etc.
- Various pharmacological networks and interactions
- Factors that affect drug metabolism
- Network approach for searching targets and discovering medicines
- Big data analytics of network pharmacology, etc

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