

# 3<sup>rd</sup> International Conference and Exhibition on **Biowaivers, Biologics & Biosimilars**

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## Drug discovery: Though chemi-bioinformatics-from system to market

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Discovering drugs to a disease is still an interesting and challenging task for medical researchers due to the multifaceted structures of biomolecules which are responsible for disease such as AIDS, Cancer, Autism, Alzheimer's etc. Design and development of new competent anti-drugs for the disease without any side effects are becoming mandatory in the recent history of human life cycle due to changes in various factors which includes food habit, environmental and migration in human life style. Cheminformatics deals with discovering drugs based in modern drug discovery a technique which in turn rectifies complex issues in traditional drug discovery system. Cheminformatics tools, helps medical chemist for better understanding of complex structures of chemical compounds. Cheminformatics is a new emerging interdisciplinary field which primarily aims to discover Novel Chemical Moieties [NCM] which ultimately results in design of new molecule. It also plays a significant role for collecting, storing and analysing the chemical data. This poster focuses on cheminformatics and its applications on drug discovery and modern drug discovery techniques which helps biochemist, chemist and medical researchers for finding solution to the complex disease.

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