Chemical Biology & Drug Design

Chemical Biology & Drug Design is a peer-reviewed scientific journal that is dedicated to the advancement of scientific research and technology in the field of chemical biology and drug design. It is the aim of the journal to publish high-quality research that highlights new concepts, insights, and new findings within the scope of chemical biology and drug design.

The following scientific topics will exemplify the scope of the journal:
- Protein-protein interactions, proteins and disease, and the role of small molecules in disrupting protein-protein interactions.
- Chemical biology and drug design, medicinal chemistry, and chemical genetics.
- Target identification and validation.
- High-throughput screening and drug discovery.
- Small-molecule diversity and synthetic methods that are important to investigate chemical space relationships.
- The role of bioinformatics and data science in chemical biology.
- Enzyme engineering and directed evolution.
- Drug delivery.
- The use of in silico and in vitro tools to test new compounds.

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ISSN: 1476-9479

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ISSN: 1476-9479

Editor-in-Chief
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CHEMICAL BIOLOGY & DRUG DESIGN
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Chemical Biology & Drug Design

Aims and Scope

Chemical Biology & Drug Design is a peer-reviewed scientific journal that is dedicated to the advancement of theoretical and experimental research on the biological and medicinal aspects of chemical biology and drug design. It publishes research that highlights new concepts, insight and novel findings within the scope of chemical biology and drug design.

The following scientific topics will exemplify the scope of the journal:

- New and improved methodologies for molecular design, protein engineering, and rational drug design
- Theoretical and experimental aspects of ligand-receptor interactions
- Small-molecule diversity and synthetic methods important to investigate chemical space relationships
- Receptor agonist/antagonist, protease substrate/inhibitor, and signal transduction modulator chemical and computed design, molecular modeling, virtual screening and related to other diverse chemical space investigations
- Novel proof-of-concept ligands and breakthrough medicines (CB&DD thematic issues)
- Comprehensive reviews and perspectives on current issues of chemical biology and drug design
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Cover Artwork:

ISSN: 1092-2082

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Chemical Biology & Drug Design is a peer-reviewed scientific journal that is dedicated to the advancement of knowledge in the fields of chemical biology and drug design. It publishes original research articles, reviews, and perspectives on the latest developments in the field.

The following scientific topics will exemplify the scope of the journal:
- Protein, peptide, carbohydrate, nucleic acid, lipid, organic, and small molecule research in all aspects of chemical biology and drug design
- Structure-based drug design, molecular modeling, virtual screening, and related areas
- Enzyme and NMR, X-ray crystallography, calorimetry and related biophysical technologies
- Therapeutic target proteomics, chemical genomics and molecular screening technologies
- Structure-based drug design, molecular modeling, virtual screening and related areas in drug discovery
- Therapeutic target proteomics, chemical genomics and molecular screening technologies
- Emerging chemical, biological and drug design aspects in significance in pharmacology, ADME and safety

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