

Organic & Medicinal Chemistry Connect

ISSN: In process

Vol. 1, 2026

8

Open Access Peer-Reviewed Journal

Editor-in-Chief **Taleb H Al-Tel, PhD**

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Subject Categories

Organic Chemistry

Medicinal Chemistry

Target Audience

Organic & Medicinal Chemistry Connect is intended for researchers, academics, practitioners, and industry leaders actively working at the interface of organic synthesis, medicinal chemistry, and translational drug discovery.



Taleb AlTel, PhD Editor-in-Chief

Chief Scientific Officer and Director of Medicinal Chemistry Manglovo Health New York USA

Message from EiC

Dear Colleagues,

I am pleased to announce the launch of a new journal, Organic & Medicinal Chemistry Connect, a peer-reviewed, open-access journal dedicated to publishing high-quality research articles, perspectives, and short communications at the intersection of organic synthesis, medicinal chemistry, and translational drug discovery. The journal aims to accelerate the discovery of bioactive molecules, foster innovation in drug design and discovery, and highlight emerging approaches such as diversity-oriented synthesis, novel synthetic methodologies, DNA-encoded libraries, targeted drug discovery, phenotypic screening, covalent inhibitors, molecular glues, and targeted protein degradation, among others.

We warmly invite researchers and experts in the field to contribute to the journal and to join our Editorial Board in helping shape its scientific vision and impact.

Aims and Scope

Organic & Medicinal Chemistry Connect is a peer-reviewed open access journal devoted to publishing cutting-edge research, perspectives, and short communications at the interface of organic synthesis, medicinal chemistry, and translational drug discovery. The journal provides a dynamic platform for scientists in academia, biotech, and pharmaceutical industries to disseminate transformative advances that drive innovation in the discovery of therapeutics addressing unmet medical needs.

Key Topics

- Design, synthesis, and structure-activity relationship (SAR) studies of novel drug candidates
- Discovery of first-in-class and best-in-class therapeutics
- Covalent drugs, PROTACs, molecular glues (mono- and bivalent), and other degradation-based modalities
- Computational and Al-assisted drug design
- Pharmacokinetics, metabolism, and target engagement studies
- Novel synthetic methodologies relevant to drug and probe development
- Green and sustainable chemistry innovations
- Catalytic, asymmetric, and diversity-oriented synthesis
- Total synthesis and semisynthesis of natural products and analogs
- Synthetic strategies enabling chemical biology and medicinal chemistry applications
- Activity-based protein profiling (ABPP) and covalent ligand discovery
- Photoaffinity labeling and probe design for target identification
- Proteome-wide reactivity profiling and selectivity mapping
- Chemical tools for functional proteomics, transcriptomics, and biomarker discovery
- Mono- and bivalent molecular glues for induced proximity and protein homeostasis
- RNA-targeted small molecules
- Chemical immunology, neuroactive compounds, and women's health therapeutics
- Peptide and macrocycle drug discovery
- DNA-encoded libraries and high-throughput screening technologies















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