

Special Issue

Histamine Receptors: Ligand Design, Pharmacology, and Therapeutic Applications

Message from the Guest Editors

Histamine receptors are one of the most studied G protein-coupled receptors (GPCRs) and play crucial roles in various physiological and pathophysiological conditions, including allergic reactions (H1R), gastric acid secretion (H2R), cognitive functions, and CNS disorders, by modulating histamine and other neurotransmitter release (H3R) or inflammatory conditions (H4R). This Special Issue aims to discuss cutting-edge advancements in research on histamine receptors. The topics may include a wide range of topics, but are not limited to the following:

- Design, synthesis, and structural modification of histamine receptor ligands;
- SAR of the histamine ligands;
- Target-based drug discovery;
- Pharmacological or pharmacokinetic evaluation of novel potent lead compounds and biologically active molecules;
- Alternative therapeutics: novelty and hopes;
- Multifunctional histamine receptor ligands in medicinal chemistry;
- Molecular mechanisms underlying the pharmacological actions of histamine ligands;
- Computational studies of histamine ligands that provide insight into the SAR of the novel molecules.

Guest Editors

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Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

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We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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