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Nitrogen Heterocycles in Medicinal Chemistry

Guest Editors:

Dr. Anna Carbone

Dipartimento di Scienze e
Tecnologie Biologiche Chimiche
e Farmaceutiche, Università degli
Studi di Palermo, Palermo, Italy

Dr. Fabio Bertozzi

D3-PharmaChemistry,
Fondazione Istituto Italiano di
Tecnologia, 16163 Genova, Italy

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submissions:

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Message from the Guest Editors

Dear Colleagues,

It is a great pleasure and honor for us to invite you to contribute to the Special Issue entitled “Nitrogen heterocycles in Medicinal Chemistry”.

Nitrogen heterocycles represent a highly important class of compounds that are widespread in medicinal chemistry, receiving special attention in drug discovery. These heterocyclic rings are common structural units in many natural or synthetic agents and approximately 60% of FDA-approved drugs contain a nitrogen heterocycle in their structure.

They exhibit a very wide range of biological activities as antibiotic, antibacterial, antifungal, anticancer, anticonvulsant, anti-HIV, anti-inflammatory, analgesic, antitubercular, and antimalarial agents. Moreover, they also have applications as fungicides, herbicides, anticorrosives, agrochemicals, antioxidants, and play an important role in biochemical processes because they are key elements of DNA, RNA, and coenzymes.

Dr. Anna Carbone

Dr. Fabio Bertozzi

Guest Editors



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Special Issue



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Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

Message from the Editor-in-Chief

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Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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