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The 20th Anniversary of *Pharmaceuticals*—New Insights in Medicinal Chemistry of Nitrogen-Containing Compounds

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Deadline for manuscript submissions:

closed (25 August 2025)

Message from the Guest Editors

Dear Colleagues,

Nitrogen atoms are very important elements in life. Together with carbon, oxygen, and hydrogen, they are part of essential biomolecules, such as nucleic acids, proteins, enzymes, vitamins, hormones, and numerous secondary metabolites of both animal and plant kingdoms.

Nitrogen-containing scaffolds of acyclic or cyclic structure have made valuable contributions to medicinal chemistry, providing a rich diversity source for drug design. Among nitrogen-based frameworks, it is noteworthy that heterocyclic systems are the most prevalent for the design of pharmacophores due to their heterogeneous structure and biological significance. Azoles, azines, and azepines of monocyclic or bicyclic structure are currently recognized as indispensable building blocks for the development of novel therapeutic agents.

This Special Issue is devoted to new insights centered around the medicinal chemistry of nitrogen-containing compounds and invites both research papers and reviews on the use of acyclic and cyclic nitrogen scaffolds in drug design and development.

Prof. Dr. María del Carmen Terán Moldes
Prof. Dr. Pedro Besada Pereira
Guest Editors



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Special Issue



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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.

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