

Special Issue

Recent Effective Application of Bioisosterism

Message from the Guest Editors

Since the introduction of the term “*bioisostere*” in 1950 by Harris Friedman, the application of bioisosterism has become a fundamental tactical approach in the contemporary practice of medicinal chemistry. During hit-to-lead processes, bioisosterism is often the winning approach to improve potency and selectivity, achieve optimal ADME-T profiles, and acquire novel intellectual properties. In some instances, the eternal confrontation between the definitions of *Isostere* and *Bioisostere* well represents the real soul of a medicinal chemist. Isosteres represent the connection with chemistry, being groups describable by chemico-physical parameters. Authors are invited to submit original and review articles describing basic science, preclinical, and clinical findings, that contribute to the understanding of the current and future potential applications of bioisosterism, to be published in this Special Issue of *Pharmaceuticals*.

Guest Editors

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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*.

Pharmaceuticals is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

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

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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