



Recent Effective Application of Bioisosterism

Guest Editors:

Dr. Marco L. Lolli

Department of Drug Science and
Technology, University of Turin,
Torino ,Italy

Prof. Dr. Carlotta Granchi

Department of Pharmacy,
University of Pisa, Via Bonanno 6,
56126 Pisa, Italy

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submissions:

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Message from the Guest Editors

Dear Colleagues,

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*.





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Prof. Dr. Amélia Pilar Rauter

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Bioquímica (DQB) e Centro de
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Faculdade de Ciências,
Universidade de Lisboa, Lisboa,
Portugal

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