



## Recent Effective Application of Bioisosterism

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Deadline for manuscript  
submissions:

**closed (31 January 2021)**

### 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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