



Enzymes as Targets for Drug Development II

Guest Editor:

Prof. Dr. Sung-Kun (Sean) Kim

Department of Physical Sciences,
Northeastern State University,
Broken Arrow, OK 74014, USA

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Message from the Guest Editor

The most attractive targets for drug development are considered enzymes in the pharmaceutical community. Characterization of enzymes is, therefore, critical in understanding their reactions. Many analytical methods are needed to complete characterization such as purification, kinetics, protein stabilization, optimal conditions for pH, temperature, and ionic strength, substrate or product binding, ligand/inhibitor/protein interactions, three-dimensional structure, and conformational changes. Recently, in silico analysis has made a huge contribution to the enzyme characterization. Molecular docking and molecular dynamics should be included as major techniques. This Special Issue brings together a large number of intriguing subjects to promote ideas on enzymes as targets for drug development.

It is envisioned that the following topics would be included in the Special Issue.

- Improvement of enzyme purification;
- Development of novel inhibitors;
- Investigation of enzyme mechanism;
- Understanding enzyme conformation changes.





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Prof. Dr. José L. Quiles

Department of Physiology,
Institute of Nutrition and Food
Technology “Jose Mataix”,
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Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

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MDPI, Grosspeteranlage 5
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