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Symmetry/Asymmetry in Drug Delivery Systems

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Message from the Guest Editors

Dear Colleagues,

Drug delivery is a rapidly expanding field of research, which currently encompasses, but is not limited to, drug carrier systems, molecular storage systems, medicinal formulation, manufacturing techniques, target-directed transportation technologies, controlled and stimuli-responsive release, the delivery of biological drugs, novel materials, nanotechnology, nanomedicine and even 3D printing. Current efforts pertaining to drug delivery are vast and often interdisciplinary, requiring input from experts with diverse backgrounds, such as synthetic chemists, polymer and materials scientists, biologists, computational scientists, pharmacy experts and industry professionals. While the central challenge remains the same—namely, how to transport a pharmaceutical substance to its desired target site more efficiently to achieve a specific therapeutic effect—the tools and technological advancements at our disposal are now more sophisticated than ever, thus advancing drug delivery to a new niche and providing multiple solutions for the problem at hand.

This Special Issue focuses on recent developments in the field of drug delivery...

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Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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