

Special Issue

Biomaterials: Pharmaceutical Applications

Message from the Guest Editor

Biomaterials are natural or synthetic functional materials with intrinsic properties and remarkable versatility. In particular, their exceptional biocompatibility and biofunctions enable a wide range of applications, including supporting, enhancing, restoring, or replacing the biological functions of damaged tissues while remaining in continuous contact with body fluids. Their biocompatibility is essential for ensuring their interaction with biological systems without producing adverse reactions or toxicity. Biomaterials can be used in drug delivery systems for injection, either orally or in the eye, lungs, nose, and dermis.

This Special Issue aims to elucidate the latest advances in these innovative materials, their benefits, future directions, and expanded applications, highlighting their critical relevance in the design of effective drug delivery systems to improve patient treatment across a diverse range of diseases.

Guest Editor

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