

Special Issue

Living Cell-Based Drug Delivery Systems for Biomedical Applications

Message from the Guest Editor

Over the past few decades, drug delivery technologies have enabled the development of many pharmaceutical products that improve patient health by enhancing the delivery of a therapeutic to its target site, minimizing off-target accumulation and facilitating patient compliance. Living drug delivery systems, such as engineering living immune cells, stem cells, platelets, bacterial cells, etc. with various therapeutics (proteins, peptides, small molecules, cytokins, genes) or functional groups, as newly emerging paradigms for anticancer/anti-inflammation therapy or tissue regeneration, have shown great potential in translational medicine research. In this Special Issue, we invite authors to report their recently developed living-cell-based drug delivery systems for biomedical applications. We also welcome review articles with expert opinions and perspectives in the biomedical field.

Guest Editor

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