

Special Issue

Advanced Drug Delivery Devices

Message from the Guest Editor

Dear colleagues, Recent advances in biomaterials and micro/nanotechnology have led to the improvement of drug delivery devices, which are specialized tools for the delivery of a drug via a specific route of administration. Yet, such devices face some technological hurdles to fully achieve their potential. Novel drug delivery devices aim to deliver drugs in a spatiotemporal- and dosage-controlled manner, with a goal to address unmet medical needs, including effective delivery of biopharmaceuticals, targeted delivery to areas protected by barriers, localized delivery of potent drugs, and improved patient compliance. This Special Issue seeks to showcase research papers, short communications, and review articles that focus on (1) reservoir-based drug delivery devices, (2) implantable or transdermal drug delivery devices in a minimally invasive way, (3) devices to encapsulate therapeutic cells, and (4) novel materials and techniques related to drug delivery devices.

Guest Editor

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