

Special Issue

Development of New Drug Delivery Systems: Behavior Physiological Environment

Message from the Guest Editor

The development of new and effective drug delivery systems will depend on our ability to fully understand their behaviour once administered to patients. Depending on the route of administration, drug carriers will encounter many structures and environments that can differ widely. Although there is a broad understanding of how composition and surface properties can affect pharmacokinetics and distribution, a lot remains to be uncovered about the performance of these systems in various physiological environments, in health and disease, looking at the whole body or down to single-cell level. There is also a need to reassess how drug delivery systems are characterised in the early stages of development to ensure the conditions used reflect the physiological environment as closely as possible.

Guest Editor

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