



Drug Delivery and Scaffolding in the Era of 3D-Printing and Microfluidic Techniques: Challenges and Opportunities

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Message from the Guest Editors

Dear colleagues,

In the era of precision medicine the development of new diagnostic and therapeutic approaches get through the development of even more sophisticated pharmaceutical systems ranging from selective nanocarriers, manipulated with multifunctionality, also exploitable for theranostic purpose, to scaffolds used to tune drugs or biomolecules delivery and also cells delivery for tissue engineering or regenerative medicine.

Confident of the utility of new technologic approaches in helping clinical translation of innovative drug delivery systems, this Special issue is aimed to highlight the impact and challenges of the most recent technology in the development of more cost-effective as well as patient-friendly drug delivery systems.

Suggested topics are: 3D-printing, 3D-bio-printing, electrospinning, injection molding and combination thereof for scaffolds development or for formulative development; microfluidics techniques for nanocarriers preparation; continuous manufacturing of pharmaceuticals; regulatory approaches to innovative technologies.

Original manuscripts and reviews are very welcome.





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Message from the Editor-in-Chief

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