

## Special Issue

# Mesoporous Silica for Sustained Drug Release

### Message from the Guest Editors

Mesoporous silica nanoparticles (MSNs), with diversification in shape, size and pore properties, have attracted an extensive attention in biomedical fields due to their distinct morphological features and unique physico-chemical properties. Compared to organic nanocarriers, inorganic rigid MSNs exhibit chemical/thermal stability, and can protect their cargo under broad ranges of temperatures and pHs. On the other hand, the well-developed and tunable pore networks of MSNs provide sufficient space for hosting various therapeutic agents, as well as controlling the drug loading and release kinetics. Furthermore, their internal/external surfaces show amenability of modification with a wide range of functional ligands or intelligent modes, presenting a significant potential for drug delivery. In this Special Issue, we invite outstanding researchers around the world active in this field to contribute with research relating sustained/controlled/stimuli-responsiveness/intelligent drug release systems based on MSNs and the drug delivery systems based on MSNs for the treatment of diseases, to provide readers the timely research progress from multiple perspectives.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2023)



## Pharmaceutics

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