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Recent Advances in Metal-Organic Materials for Drug Delivery

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Message from the Guest Editors

Dear Colleagues,

Tremendous scientific efforts have been dedicated to expanding the field of controlled drug release so far. The majority of the studied materials exhibit poor performance due to poor loadings of the pharmaceutical agent. Apart from that, intermolecular interactions dictate release phenomena, and, as a result, controlling the release of the drugs remains a big challenge. In the last two decades, novel, porous hybrid materials have shown their ability to host pharmaceutical agents due to their porosity. Materials with tuneable frameworks and/or functionalized cavities show promising results in better drug-interaction and loadings. More specifically, metal-organic materials can be possible candidates, as they can act as carriers and pharmaceuticals simultaneously. In this regard, we cordially welcome the researchers working in the field to submit their contributions on the aspects mentioned above or other topics relevant to the theme. Original research articles, reviews, letters, and communications are suitable submissions.



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Special Issue



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