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Polymeric Materials as Theranostic Agents

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Message from the Guest Editors

Design and synthesize new polymeric materials via diverse synthetic methodologies and further apply them to imaging applications such as bio-imaging or sensing, translating information about the environment to which they are exposed and where they transduce signals. Furthermore, advanced imaging polymeric agents are capable not only of offering detectable information but also of recognizing the circumstance to which they are exposed and regulating it via feedback mechanisms. As an example, theragnosis, which is the combination of diagnosis and instant therapeutics, has recently arisen from the development of imaging agents.

This Special Issue covers broad topics on polymeric materials for imaging applications. The type of polymeric materials of interest expands from typical organic polymeric materials to inorganic polymeric materials such as metal-organic frameworks (MOFs) or zeolites. Also, various imaging applications can be presented, including chemical sensing or environmental monitoring, besides bio-imaging. Interdisciplinary approaches are welcomed. This Special Issue will publish full research papers, communications, and reviews.

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Message from the Editor-in-Chief

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