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Polymer Micelles

Guest Editors:

Message from the Guest Editors

Prof. Dr. Shin-Ichi Yusa

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Prof. Dr. Hideki Matsuoka

Prof. Dr. Takahiro Sato

Deadline for manuscript submissions: closed (30 November 2017) Dear Colleagues,

In recent years, various other interactions, such as electrostatic, hydrogen bonds, coordination bonds, and so on, have been found to play a role in polymer selfassembly. Additionally, unimolecular micelles may form by intramolecular association within a single polymer chain. Non-surface active polymers have also been found to form micelles. Furthermore, micelles from stimuli-responsive polymers and from mixtures of oppositely charged copolymers have been reported. Due to the advances in polymerization techniques leading to tailormade copolymers from of variety monomers. а characterization/solution behavior using a variety of modern instrumental techniques, theoretical approaches, and emerging areas of applications, polymer self-assembly has gained a great deal of interest in recent years and we need to constantly update the information and knowledge on polymer micelles. This Special Issue covers the synthesis, characterization, solution properties, association behavior, simulation, and application of polymer micelles, as well as polymer aggregates.

Specialsue



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Editor-in-Chief

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Message from the Editor-in-Chief

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