Bio-inspired and Bio-based Polymers

Message from the Guest Editor

Dear Colleagues,

Nature has developed many sophisticated systems, materials and concepts/mechanisms, the transfer of which, to technical applications, would be highly desirable. However, for feasibility and economic reasons, biological systems cannot often be applied directly, but serve as an inspiration for a technological solution. This Special Issue is intended to highlight the production of bio-inspired or bio-based (“green”) polymers and any kind of bioinspired use or application, for instance as structural and functional materials, stimuli-responsive/“smart” materials, colloids or particles, hierarchical structures, composite materials, and so on.

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Message from the Editor-in-Chief

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