



Bio-inspired and Bio-based Polymers

Guest Editor:

Prof. Dr. Helmut Schlaad

Max Planck Institute of Colloids
and Interfaces, Department of
Colloid Chemistry, Research
Campus Golm, 14424 Potsdam,
Germany

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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.

Prof. Dr. Helmut Schlaad
Guest Editor





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Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

Message from the Editor-in-Chief

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Polymers Editorial Office
MDPI, St. Alban-Anlage 66
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