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Microfluidic-Assisted Synthesis and Modification of Polymeric Materials

Guest Editor:

Prof. Dr. Matthias P. Lutolf
Swiss Federal Institute of Technology Lausanne (EPFL), Institute of Bioengineering, Station 15, CH-1015 Lausanne, Switzerland

Deadline for manuscript submissions:
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Message from the Guest Editor

Dear Colleagues,

The exquisite control of the dynamics of fluids at the micrometer and sub-micrometer scale in microfluidic devices has opened the door for the highly precise synthesis and modification of polymeric materials such as microparticles or biomimetic materials substrates. This special issue focuses on emerging efforts to utilize microfluidic technology in combination with polymer chemistry and physics to build advanced materials with tailor-made properties such as size, shape, elasticity, bioactivity or degradation kinetics. These systems hold great promise for biomedicine as they could overcome key materials challenges imposed by applications in drug delivery and tissue engineering.

Prof. Dr. Matthias P. Lutolf
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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Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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