



Conjugated Polymers and /or Oligomers for Organic Electronics and Biological Applications

Guest Editor:

Dr. Mohammad Afsar Uddin

Beckman Institute for Advanced
Science and Technology,
University of Illinois at Urbana-
Champaign, 405 N. Mathews Ave,
Urbana, IL 61801, USA

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Message from the Guest Editor

Conjugated organic molecules (CPs) have delocalized π -electrons along a molecular backbone, making them intrinsically semi-conducting. Tunable electrical and optical properties indicate potential applications in organic opto-electronic devices, such as organic light-emitting diodes (OLEDs), organic photovoltaic cells (OPV), polymer laser, organic field-effect transistors (OFETs), electrochromic devices, photodetectors, photocatalysts, rewritable paper, redox flow batteries, etc. Introducing ionic side chains makes CPs water soluble and biocompatible.

This Special Issue on seeks contributions to assess the state of the art and future developments in the research area of conjugated organic molecules (CPs). Topics include but are not limited to the synthesis, characterization, and/or unique application of conjugated oligomers/oligo electrolytes and/or polymers/polymers electrolytes.





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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, Grosspeteranlage 5
4052 Basel, Switzerland

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