

Special Issue

Polymeric Systems for Nutraceutical and Biomedical Applications

Message from the Guest Editors

Biodegradable and biocompatible polymeric systems are becoming key tools in nutraceutical and biomedical research. Applications such as nano- and micro-drug delivery systems, diagnostic and theranostic systems, and injectable or implantable depot systems aim towards increased therapeutic outcomes that can improve the general health by increasing the delivery of plant-derived actives, the bioavailability of supplements, and the health of crops and farms. Moreover, in the case of novel therapeutic molecules that require a polymeric delivery system to improve the stability, bioavailability, pharmacokinetic profiles, or site-specific delivery, they exert effects against human diseases. This Special Issue aims to deliver new insights on recent progress in the field of polymer composites for food engineering and biomedical applications. An important aspect of this Special Issue will be novel polymers used for biomedical and food application, natural molecules with therapeutic effects, personalization of therapies, and novel opportunities of food and medical industries.

Guest Editors

Dr. Jason Thomas Duskey

NanotechLab., Te.Far.T.I. Lab., University of Modena and Reggio Emilia, Modena, Italy

Dr. Ilaria Ottonelli

Nanotech Lab, Te.Far.T.I., Department of Life Sciences, University of Modena and Reggio Emilia, 41125 Modena, Italy

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

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

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