



Polymers in Agriculture and Food Science

Guest Editors:

**Prof. Dr. José Antonio
Gabalión Hernández**

Department of Food Technology
and Nutrition, Molecular
Recognition and Encapsulation
Group (REM), UCAM Universidad
Católica de Murcia (UCAM),
Murcia, Spain

**Prof. Dr. Estrella Núñez
Delicado**

Department of Food Technology
and Nutrition, Molecular
Recognition and Encapsulation
Group (REM), UCAM Universidad
Católica de Murcia (UCAM),
Murcia, Spain

Deadline for manuscript
submissions:

closed (28 February 2021)

Message from the Guest Editors

Polymeric materials have attracted a great deal of interest from the agro-food industry due to their ability to enable the efficient, sustainable, and massive production of food, as well as its subsequent preservation, thus satisfying the demands of a planet with limited natural resources and a growing population. In this regard, due to their ease of processing and the ability to incorporate different compounds to exert specific activities, natural and synthetic polymers can be tailored to meet specific needs.

In food science, researchers have developed suitable materials to improve food quality and safety, or enhance the human health, putting special emphasis on potential migration from the polymer structures or additives, of analytes that can disrupt or enhance the health of consumers. In addition, lots of functionalized polymeric materials have been used to improve treatment effectiveness and crop yield and reduce environmental pollution in agriculture.

In this sense, the Special Issue is planned to bring together the original papers and reviews covering (but not restricted to) topics related to the development and application of polymeric systems in the agro-food sector.





an Open Access Journal by MDPI

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

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 5.0.

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (*Polymer Science*) / CiteScore - Q1 (*Polymers and Plastics*)

Contact Us

Polymers Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
[X@Polymers_MDPI](https://twitter.com/Polymers_MDPI)