

## Special Issue

# Advances in Manufacturing and Characterization of Functional Polyesters

### Message from the Guest Editors

In the last years, we have assisted to a remarkable grow on the use of polyesters. Although some aromatic polyesters such as PET or PBT are well known, in the recent years, great interest on aliphatic polyesters has been detected. These polymers offer a positive environmental efficiency and can be functionalized by synthesis, copolymerization, additives (at micro and nano-scale), surface modification and so on to tailor the desired properties in terms of mechanical, chemical, thermal, barrier properties, biodegradation, biocompatibility. This can widen the potential use of these materials in industrial sectors such as packaging, textiles and apparel, automotive, construction and building and other specialized sectors such as medicine (medical devices, tissue engineering, resorbable components, controlled drug release), electrical and electronics, shape-memory devices, among others. This special issue aims to compile original and cutting-edge research works in the field of synthesis, characterization, manufacturing and applications of functional polyesters.

### Guest Editors

Prof. Dr. Rafael Antonio Balart Gimeno

Prof. Dr. Sergio Torres-Giner

Prof. Dr. Octavio Ángel Fenollar Gimeno

Prof. Dr. Nestor Montañés

Dr. Teodomiro Boronat Vitoria

### Deadline for manuscript submissions

closed (30 September 2020)



## Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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