

Call for Papers

Journal of Polymer Research

Special Issue on **Bio-based Polymers**



Guest Editors: Prof. I-Ming Chu (National Tsing Hua University, Taiwan)
Prof. Yi-Ming Sun (Yuan Ze University, Taiwan)

Submissions are invited to a Special Issue of *Journal of Polymer Research* on **Bio-based Polymers**. This Special Issue is associated with the [6th International Conference on Bio-based Polymers](#) (ICBP 2017) being held at Yuan Ze University, Taiwan, May 14-17 2017, but is open to submissions from anyone working in the field.

Bio-based polymers include various synthetic polymers derived from renewable biomass resources and biopolymers (nucleic acids, polyamides, polysaccharides, polyesters, polyisoprenoids, and polyphenols), their derivatives, and their blends and composites. Fossil resources are limited, while renewable resources are sustainable, and in the past few decades, the science and technology of bio-based polymers have experienced a tremendous rise in significance at both the academic and industrial level. In addition, a lot of bio-based polymers have also received significant attention for biomedical applications due to their good biocompatibility and biodegradation properties. Today, research and development on bio-based polymers is rapidly expanding in both the macromolecular and biological sciences.

Papers are invited on topics including but not limited to:

- Bio-synthesis of Bio-based Polymers and Monomers
- Synthesis of Bio-based Polymers via Chemical Routes
- Physical and Degradation Properties of Bio-based Polymers
- Materials Design, Functionalization and Applications of Bio-based Polymers
- Biomedical Application of Bio-based Polymers
- Biocomposites and Blends of Bio-based Polymers
- Industrial Production and Applications of Bio-based Polymers

All submissions will be subject to the usual peer review standards of the journal. Note that acceptance for the conference ICBP 2017 does not guarantee acceptance for the published Topical Issue.

Contributors are invited to submit their manuscripts before the deadline via the journal editorial system (<https://www.editorialmanager.com/jpol/default.aspx>). If you are a first-

time author with JPOL, you will first be invited to register on the same web site. Submissions should be clearly identified as intended for the Topical Issue "**Bio-based Polymers**".

Instructions for authors can be found here -

http://www.springer.com/chemistry/polymer+science/journal/10965?detailsPage=pltc_i_1060255

Deadline for Submissions: **June 30 2017** (early submission is advised to ensure inclusion)

Any queries should be directed to the Guest Editors:

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