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Novel Bio-Based Materials from Renewable Sources

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Message from the Guest Editors

We invite investigators to contribute original research articles as well as review articles regarding the production and characterization of different kinds of bioplastics obtained by using different experimental approaches. Since the main disadvantages of the films derived from bio-based sources are their unsatisfactory mechanical properties and high sensitivity to the moisture, research using new enzymes, plasticizers, nanoparticles, or studies based on mono- and multi-layer systems by blending different biopolymers, is strongly preferred. Finally, a further requested topic of the present Special Issue is the development of novel materials functionalized through bioactive molecules in order to tailor them for specific antimicrobial and antioxidant applications both in animal and plant fields.

Deadline for manuscript
submissions:

closed (15 May 2023)



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Special Issue



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Message from the Editor-in-Chief

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