Special Issue

New Agro-Industrial Wastes as Feedstock for Lactic Acid Production

Message from the Guest Editors

The aim of this Special Issue is to publish the cutting-edge research on using agro-industrial waste biomass for the production of lactic acid, especially the production of chiral lactic acids (L-lactic acid and D-lactic acid) with the potential to be used as monomer chemicals of PLA. Agro-industrial wastes include crops residues (corn stover, wheat straw, rice straw, sugarcane bagasse, etc.), forest residues (wood sawdust, etc.), energy plants (switch grass, empty palm bunches, etc.), as well as industrial biomass wastes (corncob residue from xylose extraction, corn fibers, fruit residues, etc.), but exclude pure sugars from sugarcane, sugar beets, sweet sorghum, and starch from corn, wheat, rice, barley, sweet potato, potato, and other starch-based crops. The research scopes covered in this Special Issue include, but are not limited to, biorefinery conversion, fermentation, microbial cell factory, purification and valorization, and novel process platform technology aiming at lactic acid production, as well as techno-economic and carbon-neutral evaluations.

Guest Editors

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Welcome to a new open access journal, Fermentation, which meets the growing need for a high quality peerreviewed international journal with easy access to all researchers globally. We hope that you will share our enthusiasm for this new journal and look forward to working with you to make Fermentation a leader in its field. Your contributions are vital for the success of this new journal. Proposals for editing a special issue for a particular topical area are always welcome.

Editor-in-Chief

Dr. Badal C. Saha
Retired, National Center for Agricultural Utilization Research, USDA-ARS, Peoria, IL, USA

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