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Carbon Materials Applied for Biomass Conversion

Guest Editors:

Dr. Ana Belén Dongil

Institute of Catalysis and
Petrochemistry, CSIC, c/Marie
Curie No. 2, Cantoblanco, 28049
Madrid, Spain

Dr. Andreia F. Peixoto

REQUIMTE, Departamento de
Química e Bioquímica,
Faculdade de Ciências,
Universidade do Porto, Porto,
Portugal

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Message from the Guest Editors

Dear Colleagues,

The conversion of biomass into energy and chemicals has become a hot topic in research. Although the production of molecules such as alcohol from crops such as corn or sugar cane is an ancient process, more efficient solutions from non-edible sources are required. The processes should aim at using wastes so as to avoid competition with food plant sources that may also contain fertilizers, which can indeed generate more greenhouse gases. In this context, the concept of second and third biorefinery emerges as an alternative solution that should be implemented in the next decades. These biorefineries use lignocellulosic biomass from wastes (e.g., agriculture, municipal, industrial) and can provide a myriad of platform molecules.



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Special Issue



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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