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Platform Chemical: Hydroxymethylfurfural (HMF)

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Deadline for manuscript submissions:
closed (30 June 2018)

Message from the Guest Editors

Dear Colleagues,

Biomass conversion to value-added chemicals and fuels over heterogeneous, homogeneous, enzymatic catalysts is one of the goal for the future. 5-hydroxymethyl furfural (HMF) is one of the most important and renewable platform chemicals in the bio-based renaissance. HMF can be obtained from fructose, sucrose, glucose, as well as directly from cellulose, and it can be further transformed into a wide variety of high performance products.

The aim of this Special Issue is to present a current overview of recent developments in the field of the still-open challenges for both HMF production and HMF applications.

All researchers working in the field are cordially invited to contribute original research papers to this Special Issue of Molecules. Reviews are also welcome.

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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