A special issue of proceedings from the 6th international conference on biomass energy

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This special issue includes high quality papers which have been contributed by researchers who attended and presented their work at the 6th International Conference on Biomass Energy (ICBE 2018), which was hosted by Huazhong University of Science and Technology from October 16th to 19th in Wuhan, China. This conference has belonged to the ICBE series since 2008, sponsored by the Biomass Energy

Technical Committee of the China Renewable Energy Society (BEC-CRES). The ICBEs aim to introduce the latest technological developments and present currently exciting academic research on biomass energy. The BEC-CRES also provides an active platform to stimulate new ideas in wide and deep communication, presents new achievements, explores new issues and promotes the development of biomass energy. We, the Guest Editors, express sincere gratitude to all contributors and participants for this special issue of Cellulose.

More than 280 papers were presented at the ICBE2018, including 131 oral presentations, from which 22 high quality papers were included in this special issue. Those selected papers were carefully chosen among the proceedings by the academic committee of the ICBE2018 and subjected to normal peer reviewer, covering the areas of biomass hydrolysis, pyrolysis, fermentation, liquid biofuels/valuable chemicals and others. There were two invited keynote presentations: Liangcai Peng of Huazhong Agricultural University discussed overproduction of fungal leads to characteristic lignocellulose modification for considerably enhanced biomass enzymatic saccharification and bioethanol production and Changwei Hu of Sichuan University explored the conversion of cellulose to 5-hydroxymethylfurfural and saccharides.

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We are pleased to share these wonderful research papers with all contributors and everyone else who is interested. We also thank the reviewers for their input which helped to improve the quality of these papers.

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