



## Effective Biorefineries through the Co-production of Chemicals and Biofuels

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (31 August 2019)**

### Message from the Guest Editor

Dear Colleagues,

Sustainable liquid biofuels remain a key component of all future energy scenarios aimed at reducing anthropogenic climate change; however, the overall cost of these second and third generation biofuels remains prohibitively high. Seemingly, the only realisable production method is to incorporate biofuel production with other higher value chemicals in an integrated biorefinery concept. These alternative products can take the form of natural polymers, animal, or human foodstuffs, fertilisers, monomers for bioplastics, value chemicals or advanced bio-materials. To this end, we invite submissions of novel research across the chemical, engineering, and biological sciences demonstrating the co-production of liquid fuels with alternative products from a range of terrestrial or marine biomass. Submissions detailing extended systems analysis such as supply chain modelling, techno-economic analysis, or lifecycle assessment would be especially welcome.

Dr. Christopher J. Chuck

*Guest Editor*





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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