



Biodiesel Production

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Message from the Guest Editor

The Special Issue on “Biodiesel Production” should contemplate three different perspectives:

- Experimental research at different levels: Laboratory and pilot plants
- Modelling approaches (kinetics, phase equilibria, etc.) in order to be able to simulate, study and optimize production processes
- Environmental analysis through the corresponding life cycle assessment, in order to correctly characterize all the different alternatives

Thus, this Special Issue should include the followings items:

- Review or state-of-the-art of new realistic alternatives to raw materials, including, e.g., used frying oils, lignocellulosic materials, or the possible use of microalgae, which could work also as CCU (CO₂ capture and utilization technology), etc.
- Review or state-of-the-art of alternative and new chemical processes for biodiesel production, including different kinds of homogeneous and heterogeneous catalysts.
- Review or state-of-the-art of alternative and new separation processes to increase yields in biodiesel production, or reduce the corresponding economical costs.





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Message from the Editor-in-Chief

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