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# **Recent Progress in Cellulose Dissolution and Regeneration**

Guest Editor:

### Prof. Dr. Noureddine Abidi

Fiber and Biopolymer Research Instutute, Department of Plant and Soil Science, Texas Tech University, P.O. Box 45019, Lubbock, TX 79403, USA

Deadline for manuscript submissions: closed (15 June 2021)

### Message from the Guest Editor

Dear Colleagues,

I would like to invite you to contribute to this Special Issue focused on cellulose dissolution. The increased interest in transforming cellulose to advanced bioproducts has created the need to dissolve and regenerate cellulose in various solvent systems, specifically ionic liquids. The effective dissolution of cellulosic macromolecules is the first predominant step to prepare functional bio-based materials with tunable and desirable properties.

The current Special Issue is intended to summarize the state of the art of the current knowledge of cellulose dissolution and regeneration. Papers are sought on the mechanisms of cellulose dissolution and solvents (such as ionic liquids), chemistry of solvents, cellulose–solvent interactions, rheology of cellulose solution, techniques used to investigate the dissolution, materials formed and their characterization and applications. Papers can be either original research or reviews of the current research.

Prof. Dr. Noureddine Abidi *Guest Editor* 



**Special**sue





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#### Prof. Dr. Martin J. D. Clift

In Vitro Toxicology Group, Institute of Life Sciences 1, Swansea University Medical School (SUMS), Swansea SA2 8PP, Wales, UK

### Message from the Editor-in-Chief

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We welcome submission of manuscripts from a diverse range of disciplines relating to many types of fibers utilizing a variety of research approaches.

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