

## Special Issue

# Bacterial Cellulose Composites

### Message from the Guest Editors

The bacterial cellulose fan club has witnessed a massive increase in its number of members, mainly due to the unique features of this exquisite and extraordinary nanoscale form of cellulose. The high purity, biocompatibility, biodegradability, water-holding capacity, crystallinity, and excellent mechanical properties have expanded the application horizons of this biopolymer (and materials thereof) to a multitude of domains, spanning from the food industry to specific technological and biomedical applications. This Special Issue will compile recent advances of leading researchers in the field of bacterial cellulose-based nanocomposites, particularly in what concerns their production, properties, and applications. Therefore, nanocomposites fabricated with diverse partners, including (but not limited to) synthetic and natural polymers, bioactive compounds and inorganic nanoparticles, are more than welcome to the Special Issue on “Bacterial Cellulose Composites”.

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### Guest Editors

Prof. Dr. Carmen S. R. Freire  
Prof. Dr. Armando J. D. Silvestre  
Dr. Carla Vilela

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### Deadline for manuscript submissions

closed (30 November 2018)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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