



## Application of Alginate-Based Composites

Guest Editor:

**Prof. Dr. Melissa Gurgel  
Adeodato Vieira**

School of Chemical Engineering,  
University of Campinas  
(UNICAMP), Cidade Universitária  
Zeferino Vaz, 13083-852  
Campinas, São Paulo, Brazil

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### Message from the Guest Editor

Alginate is a natural biopolymer extracted from brown seaweeds that has been extensively investigated to remove organic and inorganic pollutants from aqueous solution. This polysaccharide has interesting characteristics that make it attractive for application as an adsorbent, such as biodegradability, high biocompatibility, nontoxic, abundance, inexpensiveness, and ability to form gels in the presence of multivalent cations, besides its viscosification and stabilization properties. Therefore, alginate can be combined with different materials in order to obtain promising alginate-based composites with attractive properties for application in adsorption processes. Accordingly, this Special Issue is focused on high-quality alginate-based composite development for application in adsorption processes regarding the removal/separation of organic and inorganic compounds from aqueous solutions.





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### Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien  
und Polymertechnologie,  
University of Potsdam, 14476  
Potsdam-Golm, Germany

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*Polymers* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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