

## Special Issue

# Application of Alginate-Based Composites

### 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.

### Guest Editor

Prof. Dr. Melissa Gurgel Adeodato Vieira

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### Deadline for manuscript submissions

closed (10 November 2022)



## Polymers

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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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