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The Future Potential of Electrospun Nanofibers for Advanced Applications

Guest Editors:

Dr. Daniel S. Correa

Dr. Luiza Amin Mercante

Prof. Dr. Gareth Williams

Dr. Karolina Dziemidowicz

Deadline for manuscript submissions:
closed (31 July 2023)

Message from the Guest Editors

Dear Colleagues,

Electrospinning is a fiber-forming technique that has been widely used to produce functional nanofibers with diversified compositions, of varied sizes, morphologies, and properties. The large surface area-to-volume ratio, diameter at the nanoscale, highly porous structure and the possibility of bulk or surface functionalization provide such materials with remarkable physical and chemical properties. For instance, such nanofibers have been successfully applied in the medical, pharmaceutical, environmental, and agricultural areas. This Special Issue is dedicated to showcasing advances in the last decade in the electrospinning technique and electrospun nanofibers (based on synthetic, natural, hybrid, and composite materials) applied in medical and pharmaceutical devices, in environmental remediation, in the design of sensors and biosensors, energy storage devices, smart food packaging, slow-release systems for agriculture and others.

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Guest Editors

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.9.

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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