



## Functional Nanomaterials by Electrospinning

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (30 October 2018)**

### Message from the Guest Editor

Electrospinning is a versatile and cost-effective technique for the production of multi-functional nanofibers from various materials.

This research topic will aim at gathering resources in the area of the design of nanostructured fibers using electrospinning for wide range of applications such as energy, environment, aerospace, (bio) sensors, smart textile, tissue engineering, and so on. Contributions related to advanced fibers design, organization, functionalization, novel chemical and physical properties, toxicity and original characterization techniques will be as well considered.

This Research topic will deal with: (i) the design of functional nanomaterials (nanofibers, nanotubes, porous nanofibers, core/shell etc.), (ii) the surface modification of these new nanomaterials, (iii) the investigation of their properties and (iv) their applications. Multi-disciplinary studies will be particularly welcome.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal-organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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