

## Special Issue

# Polymeric Electrospun Nanofibers: Applications in Drug Delivery and Tissue Engineering

### Message from the Guest Editor

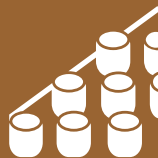
Electrospinning (solution or melt) is a fabrication technique that has been widely researched within the scientific field and is immediately useful for the creation of scaffolds. Electrospun nanofibers offer advantages for a wide range of applications in a variety of fields, including biomedicine and biotechnology. There are a number of different applications that can be explored in drug delivery and tissue engineering fields relating to the combination of synthetic and natural polymers, and integration with various active pharmaceutical ingredients. An important advantage of electrospun fibers over many other types of polymeric fibers or polymeric nanoparticles is their high surface over volume ratio and very high and tuneable porosity, which generate a large and easily accessible surface. Despite their great potential, there is more research still to be done before electrospun formulations can be taken forward into the clinic.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 March 2020)



## Materials

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### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editor-in-Chief

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