# **Special Issue**

# Advances in Nanocomposite Polymer Fibers

### Message from the Guest Editor

Polymer composites are multicomponent systems that combine two or more components, in order to produce materials with properties that are superior to individual components. In recent years, composites containing nanoparticles of various shapes and nature have been of great interest. The creation of new nanocomposite materials should significantly improve the various properties of already widely known and practically used polymers. Such materials are of high demand in different fields of modern life. The development of highperformance polymer fibers is very important for various fields and applications. Nowadays, the most common technologies for the production of industrial fibers from synthetic and natural polymers are melt- and wetspinning. However, it is evident that the preparation of nanocomposite polymer fibers can be associated with noticeable difficulties; namely, the uniform distribution of nanoparticles in the polymer matrix, improving adhesion between the polymer and nanofiller, etc. It is my pleasure to invite all scientists to contribute their manuscripts to this Special Issue.

#### **Guest Editor**

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#### Deadline for manuscript submissions

closed (20 May 2022)



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## Message from the Editor-in-Chief

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