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## Advances in Polymer Nanofibers: Thermomechanical Properties and Internal Supermolecular Structure

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### Message from the Guest Editor

Dear Colleagues,

I am pleased to present an upcoming Special Issue devoted to the one of hot topics of modern nanotechnology: examination of electrospun polymer nanofibers demonstrating outstanding mechanical and unusual thermodynamic properties as compared to macroscopic-scale structures. The first condition (high stretching rate) results in formation of non-equilibrium supermolecular structures within electrospun fibers, whereas the second (rapid evaporation) provides structure fixation. The goal of this Special Issue is to demonstrate and clarify the relationship between the internal non-equilibrium structure of electrospun polymer nanofibers and their thermomechanical properties.

Dr. Arkadi Arinstein  
*Guest Editor*



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Special Issue



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## Message from the Editor-in-Chief

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