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# **Advances in Liquid Crystal Nanomaterials**

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**Message from the Guest Editors** 

Dear Colleagues,

Self-assembling organic materials showing liquid crystalline behaviour represent soft matter with unique properties. They are extremely promising anisotropic media for the design of nanocomposite systems. The main motivation for introducing nanoparticles in liquid crystalline matrices is usually to improve their optical and electro-optical or magneto-optical properties as well as to create new materials. The dispersion of guest particles in a liquid crystalline medium has been an active area of research for four decades. There has been a continuously growing interest in this area of research over the last 10 years, and a number of interesting phenomena have been demonstrated.

This Special Issue is a timely approach to survey the recent progress in the field of liquid crystal-based nanomaterials and their applications. As such, this Special Issue offers a unique insight into what has been achieved and what remains to be explored in liquid crystal nanomaterials.

Dr. Natália Tomašovičová Dr. Sergii Burylov *Guest Editors* 







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### Message from the Editor-in-Chief

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