



## Nanomaterial Thin Films and Structures: Future and Development

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Deadline for manuscript  
submissions:

**closed (15 March 2023)**

### Message from the Guest Editors

Dear Colleagues,

Currently, nanotechnology and nanoscience are key drivers of technological evolution. Nanotechnology is an interdisciplinary science that deals with physics, chemistry, biology, and engineering sciences. Progress in the synthesis of new functional nanomaterials has allowed significant strides in the development of neuroscience, artificial intelligence, and brain-like electronics. This Special Issue focuses on novel research in the design, synthesis, nanodiagnostics, functioning, and applications of nanomaterials in bionanotechnology, nanoelectronics, artificial intelligence, and biosensors based on different thin films and nanostructures. However, obtaining thin films with desirable properties and their characterization are still challenging aspects. This Special Issue aims to present the results of the synthesis, characterization, and application of functional thin-film nanomaterials in the fields of nanobiotechnology and artificial intelligence.





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## Message from the Editor-in-Chief

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