

## Special Issue

# Nanomaterial Thin Films and Structures: Future and Development

### Message from the Guest Editors

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, neuroelectronics, 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.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 March 2023)



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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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