

## Special Issue

# Polymer-Nanomaterial Composites for Bioinspired Sensing

### Message from the Guest Editors

Although the material science community has so far been successful in achieving a breakneck pace in the utilization of PNCs for the development of products for next-generation applications, the real-life utilization of these materials for commercial consumer products leaves much to be desired. Bioinspired strategies could play an important role in the current scenario by enabling researchers to choose the most appropriate Nature-based designs tailored for particular applications.

Through this Special Issue, we aim to explore, report, and disseminate the current research trends and developments in the study of novel PNCs. Interfacing polymer nanomaterial composites and bioinspiration strategies for the development of next-generation sensors would be desirable. Preference will be given to original research articles and reviews with a focus on bio/Nature-inspired sensing.

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### Guest Editors

Dr. Debarun Sengupta

Dr. Ajay Mandal

Dr. Liqiang Lu

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### Deadline for manuscript submissions

closed (30 November 2023)



## Crystals

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## About the Journal

### Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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### Editor-in-Chief

Prof. Dr. Alessandra Toncelli

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