

# Special Issue

## Advanced Bioorganic and Inorganic Functional Materials: Symmetry and Applications

### Message from the Guest Editor

It is my great pleasure to announce that the Special Issue of *Symmetry* entitled “Advanced Bioorganic and Inorganic Functional Materials: Symmetry and Applications” is now open for submissions. This Special Issue aims to summarize recent progress in the creation, characterization, and application of advanced bioorganic and inorganic functional materials where their fascinating **properties are related to various chemical and physical aspects of symmetry**.

Experimental, theoretical, and computational papers are welcome. The topics welcome in this Special Issue include, but are not limited to:

- Chirality effects in functional materials;
- Self-assembly and self-organization;
- Symmetry in supramolecular assemblies;
- Organic and inorganic nanoclusters;
- Bioorganic nanomaterials;
- Symmetry breaking effects;
- Enantioselective interactions;
- Symmetry related functional properties (e.g. piezo-, pyro-, and ferroelectricity).

I cordially invite you to contribute to this Special Issue and make your research part of a unique collection.

---

### Guest Editor

Dr. Pavel Zelenovskiy

Institute of Natural Sciences and Mathematics, Ural Federal University,  
620000 Ekaterinburg, Russia

---

### Deadline for manuscript submissions

closed (31 October 2023)



# Symmetry

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 5.3



[mdpi.com/si/92587](https://mdpi.com/si/92587)

*Symmetry*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[symmetry@mdpi.com](mailto:symmetry@mdpi.com)

[mdpi.com/journal/  
symmetry](https://mdpi.com/journal/symmetry)





# Symmetry

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 5.3



[mdpi.com/journal/  
symmetry](https://mdpi.com/journal/symmetry)



## About the Journal

### Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

---

### Editor-in-Chief

Prof. Dr. Sergei Odintsov

1. ICREA, 08010 Barcelona, Spain

2. Institute of Space Sciences (IEEC-CSIC), C. Can Magrans s/n, 08193 Barcelona, Spain

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within SCIE (Web of Science), Scopus, CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

#### Journal Rank:

JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q1 (General Mathematics)