

## Special Issue

# Biomimetic Materials Applied in the Analytical and Biomedical Fields

### Message from the Guest Editors

Biomimetic materials are sophisticated artificial materials replicating a natural material or function in order to address a critical challenge faced by the human being. The design and practical insertion of biomimetic materials require an interdisciplinary approach, being at the intersecting areas of many domains: biology, medicine, engineering, chemistry, technology. Most of these innovative materials aim to tackle mainly challenges of the analytical and biomedical fields. This Special Issue on biomimetic materials applied in the analytical and biomedical fields calls for contributions from experts working in all areas of biomimetic materials with applications in the analytical and biomedical fields, and welcomes original research papers concerning the design, synthesis, optimization and applications of these materials. Also, occasionally we need to look back and highlight past achievements into review articles in order to inspire and promote new research directions.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 December 2025)



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