

## Special Issue

# Materials for Photobiology—3rd Edition

### Message from the Guest Editors

In this Special Issue, we aim to collect contributions from selected players in those fields to address the latest advances in the use of materials for photobiology, including potential scientific and technological applications of their findings in chemistry, biology, drug delivery, bioimaging, and biosensing. The invited papers will describe light-responsive materials based on macrocyclic assemblies, nanoparticles, micelles, liposomes, polymers, hydrogels, proteins/peptides, plasmonic nanomaterials, carbon- and silica-based and other photo-responsive hybrid organic and/or inorganic components. This Special Issue welcomes original research and reviews focusing on all aspects of design, preparation, physicochemical characterization, and biological evaluation of materials for photobiology, including phototherapeutic and photodiagnostic materials, with a special focus on materials or biomaterials proposed for light-induced therapies in cancer, infections, and dermatological treatments.

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### Guest Editors

Assoc. Prof. Enrico Caruso  
Prof. Dr. Antonino Mazzaglia  
Dr. Angela Scala

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### Deadline for manuscript submissions

closed (31 March 2026)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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