

## Special Issue

# Photosensitive Molecular Switches: From Isolated Molecules to Processes

### Message from the Guest Editor

This Special Issue aims to collect original scientific articles and reviews from various topics related to the photosensitive molecular switches acting in solvents, polymers, aligned media, or on various surfaces and at interfaces and on reversibly actuating their properties upon exposure UV/vis light. Examples of acceptable research topics include (but are not limited to) experimental, theoretical, and joint studies on processes in: -Single-molecules devices; -Self-assembled photoresponsive monolayers; -Photosensitive polymers; -Photochromes and their complexes with metals for biomedical applications; -Light-programmable control of wetting; -Light-driven particle and droplet transport; -Photo-controlled stability of various phases. The creation of molecular switches is of great importance to the nanotechnological world, but we believe that their greatest moments are yet to come.

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### Guest Editor

Dr. Olga Guskova

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### Deadline for manuscript submissions

closed (25 March 2026)



## Processes

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You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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