

## Special Issue

# Natural Dyes for the Textile and Leather Industries—for the Future's Sustainability

### Message from the Guest Editors

We are pleased to announce a Special Issue entitled “Natural Dyes for the Textile and Leather Industries—for the Future's sustainability”, focusing on the dynamic and multifaceted roles of dyes obtained from natural sources. These dyes contribute to the esthetic appeal of textile and leather products, acting also as bioactive agents, making them functional tools that impart significant useful properties for both the finished products, from a preservation perspective, and the consumers' protection. This Special Issue aims to explore the potential applications of natural dyes in the textile and leather industries and to elucidate their bioactive mechanisms. We invite you to contribute review articles and innovative research focused on new extraction methodologies, comprehensive pigment characterization, new natural binding agents, innovative green strategies for dye fixation to fiber, and the development of natural dyes formulations with improved biofunctionalities and color fastness properties.

---

### Guest Editors

Dr. Ricardo Calhela

Centro de Investigação de Montanha (CIMO), Instituto Politécnico de Bragança, Campus de Santa Apolónia, 5300-253 Bragança, Portugal

Dr. Sandrina A. Heleno

Centro de Investigação de Montanha (CIMO), Instituto Politécnico de Bragança, Campus de Santa Apolónia, 5300-253 Bragança, Portugal

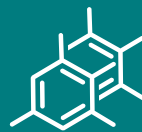
Dr. Isabel P. Fernandes

Tree Flowers Solutions, Lda, Bragança, Portugal

---

### Deadline for manuscript submissions

31 January 2025



## Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.2  
CiteScore 7.4  
Indexed in PubMed



[mdpi.com/si/214704](https://mdpi.com/si/214704)

*Molecules*

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

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





# Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.2  
CiteScore 7.4  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

---

### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).