



biology



an Open Access Journal by MDPI

Recent Advances in Biosynthesis and Degradation of Plant Anthocyanin

Guest Editors:

Dr. Qinsong Yang

College of Forestry, Beijing
Forestry University, Beijing
100083, China

Dr. Minjie Qian

Sanya Nanfan Research Institute,
Hainan University, Sanya 572025,
China

Deadline for manuscript
submissions:

15 June 2025

Message from the Guest Editors

Dear Colleagues,

We are pleased to invite you to contribute your recent work on anthocyanin to our Special Issue: Recent Advances in Biosynthesis and Degradation of Plant Anthocyanin. As we all know, anthocyanin is crucial for plant defense, pollination, and human health. Researchers have been working on the mechanism of anthocyanin biosynthesis and degradation for decades. However, this mechanism might be distinct for various species and biological processes.

This Special Issue aims to encourage scientists to publish their experimental and theoretical results to reveal the detailed mechanisms of biosynthesis and the degradation of plant anthocyanin.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: plant biology, molecular biology, biochemistry, genetics, and multi-omics study. Reviews are encouraged to focus on one or two specific biological processes during which anthocyanin is synthesized or degraded and introduce detailed advances.

We look forward to receiving your contributions.



mdpi.com/si/165627

Special *Issue*



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in
Molecular and Integrative
Biosciences, Faculty of Biological
and Environmental Sciences,
University of Helsinki, P.O. Box
56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology
Institute, University of Valencia
and CSIC, 46980 Valencia, Spain

Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

Author Benefits

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

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (General Agricultural and Biological Sciences)

Contact Us

Biology Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biology
biology@mdpi.com
[X@Biology_MDPI](https://twitter.com/Biology_MDPI)