

## Special Issue

# Unraveling the Molecular Mechanisms of Development and Stress Tolerance in Vegetables

### Message from the Guest Editors

The development and growth of vegetables are complex processes that involve a multitude of molecular mechanisms. These mechanisms not only facilitate the vegetables' normal growth but also their adaptation to various environmental stresses. Understanding these molecular mechanisms is essential for improving vegetable crop yield, quality, and stress tolerance, which is crucial for sustainable agriculture and human survival. This Special Issue aims to provide a platform for researchers to share their latest findings on the molecular mechanisms underlying vegetable development and stress adaptation. We welcome studies that employ cutting-edge technologies and approaches to explore the genetic, epigenetic, and biochemical regulation of vegetable growth and stress responses. The results of these studies are expected to offer new insights into the biology of vegetable crops and provide a basis for developing strategies to enhance their yield and stress tolerance. We are pleased to invite you to submit your work to this Special Issue.

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### Guest Editors

Dr. Zhansheng Li  
Prof. Dr. Jin Xu  
Prof. Dr. Ying Li

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### Deadline for manuscript submissions

31 July 2026



## Biology

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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.

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