



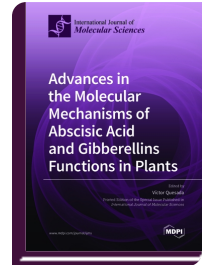
Special Issue Reprint

Advances in the Molecular Mechanisms of Abscisic Acid and Gibberellins Functions in Plants

www.mdpi.com/books/reprint/4358

Edited by
Víctor Quesada

ISBN 978-3-0365-1540-3 (Hardback)
ISBN 978-3-0365-1539-7 (PDF)



Gibberellins (GAs) and abscisic acid (ABA) are two phytohormones that antagonistically regulate plant growth, as well as several developmental processes from seed maturation and germination to flowering time, through hypocotyl elongation and root growth. In general, ABA and GAs inhibit and promote cell elongation and growth, respectively. Consequently, this mutual antagonism between GAs and ABA governs many developmental decisions in plants. In addition to its role as a growth and development modulator, ABA is primarily known for being a major player in the response and adaptation of plants to diverse abiotic stress conditions, including cold, heat, drought, salinity and flooding. Remarkably, different works have also recently pointed to a function for GAs in the control of some biological processes in response to stress. The selection of research and review papers of this book, mostly focused on ABA, covers a wide range of topics related to the most recent advances in the molecular mechanisms of ABA and GA functions in plants.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/4358

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.