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Titolo	Plant hormone signaling [[electronic resource] /] / edited by Peter Hedden and Stephen G. Thomas
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Descrizione fisica	1 online resource (370 p.)
Collana	Annual plant reviews ; ; 24
Classificazione	42.42
Altri autori (Persone)	HeddenPeter ThomasStephen G <1969-> (Stephen Gregory)
Disciplina	571.742 580.5
Soggetti	Plant hormones Plant cellular signal transduction
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Plant Hormone Signaling; Contents; Contributors; Preface; 1 Abscisic acid synthesis, metabolism and signal transduction; 1.1 Introduction; 1.2 Biosynthesis and catabolism pathways; 1.2.1 Main early steps of ABA biosynthesis; 1.2.2 Epoxy-carotenoid cleavage; 1.2.3 The conversion of xanthoxin to ABA; 1.2.4 ABA catabolism; 1.3 Regulation of ABA synthesis and metabolism; 1.3.1 Developmental regulation; 1.3.1.1 Vegetative tissues; 1.3.1.2 Reproductive organs; 1.3.2 Regulation in response to abiotic stresses; 1.3.3 Regulation by endogenous signals and factors 1.4 ABA signaling in seed maturation processes: proteolysis and combinatorial protein interactions1.5 Stress responses in vegetative tissues: the five major nexuses; 1.5.1 ABA recognition sites and the search for the receptors; 1.5.2 Transcriptional network as the readout; 1.5.3 RNA metabolism; 1.5.4 Protein phosphatases 2C; 1.5.5 Sucrose non-fermenting-related kinases; 1.6 ABA signaling in guard cells: simple movements controlled by complex mechanisms; 1.7 ABA as

antagonizing signal to light in stomatal movement; 1.8 Concluding remarks; Acknowledgements; References
2 Auxin metabolism and signaling2.1 Introduction; 2.2 Auxin metabolism; 2.2.1 Indole-3-acetic acid biosynthesis; 2.2.1.1 The tryptophan-independent pathway; 2.2.1.2 IAA biosynthesis from tryptophan; 2.2.2 IAA conjugates in plants; 2.2.2.1 IAA-peptide conjugates; 2.2.2.2 Amino acid conjugates; 2.2.2.3 Amide conjugate hydrolysis; 2.2.2.4 Ester conjugates; 2.2.3 IAA degradation; 2.3 Auxin signaling; 2.3.1 Auxin-responsive genes; 2.3.2 Auxin response factors; 2.3.3 Regulation of auxin response by the SCFTIR1 ubiquitin-ligase; 2.3.4 Regulation of SCFTIR1 activity
2.3.5 Identification of an auxin receptor2.4 Conclusions and future perspectives; Acknowledgements; References; 3 Integration of brassinosteroid biosynthesis and signaling; 3.1 Introduction; 3.2 Metabolism; 3.2.1 Biosynthesis; 3.2.1.1 DET2; 3.2.1.2 SAX1; 3.2.1.3 DWF4; 3.2.1.4 CPD; 3.2.1.5 ROT3 and CYP90D1; 3.2.1.6 CYP85A1 and CYP85A2; 3.2.1.7 Other biosynthetic functions; 3.2.2 Inactivation; 3.2.2.1 BAS1; 3.2.2.2 CHI2/SHK1/SOB7; 3.2.2.3 UGT73C5; 3.2.2.4 BNST3 and BNST4; 3.2.3 Functional aspects of BR metabolism; 3.2.3.1 Regulation of biosynthetic genes
3.2.3.2 Regulation of BR-inactivating genes3.2.3.3 Conservation of BR synthesis in higher plants; 3.3 Signal transduction; 3.3.1 BRI1 and BAK1; 3.3.2 BIN2 and BSU1; 3.3.3 BZR1 and BZR2/BES1; 3.3.4 BIM1; 3.3.5 Signaling mechanism and other putative components; 3.4 Future prospectives; 3.4.1 Metabolism; 3.4.2 Signal transduction; 3.4.3 Crops; Acknowledgements; References; 4 Cytokinin metabolism and signal transduction; 4.1 Introduction; 4.2 Cytokinin metabolism; 4.2.1 Cytokinin biosynthesis; 4.2.2 Cytokinin interconversion and conjugation; 4.2.3 Cytokinin catabolism
4.3 Cytokinin signal transduction

Sommario/riassunto

Plant growth is regulated by developmental programmes that can be modified by environmental cues acting through endogenous signaling molecules including plant hormones.This volume provides an overview of the biosynthesis, catabolism, perception and signal transduction of the individual hormone classes, followed by chapters on hormone distribution and transport, and the roles of hormone signaling in specific developmental processes. Particular attention is paid to the regulation of hormone signaling by environmental and developmental cues, sites of hormone metabolism and action, and int

2. Record Nr. UNINA9910963949803321

Autore	Griffiths David
Titolo	The masquerades of Nigeria ; and, Touch / / written and illustrated by David Griffiths
Pubbl/distr/stampa	Australia, : Harwood Academic Publishers, c1998
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Descrizione fisica	1 online resource (90 p.)
Collana	Mask: a release of acting resources ; ; v. 4
Disciplina	792.09669 822/.914
Soggetti	Masquerades - Nigeria Masks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Includes index.
Nota di contenuto	BOOK COVER; HALF-TITLE; TITLE; COPYRIGHT; DEDICATION; CONTENTS; INTRODUCTION TO THE SERIES; ACKNOWLEDGEMENTS; LIST OF ILLUSTRATIONS; INTRODUCTION; THE TOUCH TRILOGY; TOUCH
Sommario/riassunto	This work investigates the use of mask in the Masquerade traditions of West Africa, specifically Nigeria. The author argues in favour of a common language of mask performance and focuses on the work of Wole Soyinka. Also presented is the author's trilogy of plays, ""Touch"".