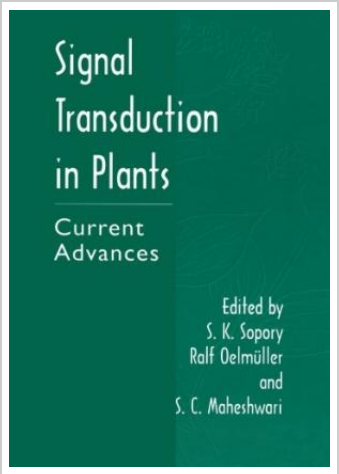

Signal Transduction in Plants

By Sopory, S. K. / Oelmüller, Ralf

Book Condition: New. Publisher/Verlag: Springer, Berlin | Current Advances | Proceedings of the first ICGEB Symposium on Plant Signal Transduction, held 4-6 October, 1999, in New Delhi, India | An understanding of the mechanisms by which plants perceive environmental cues, both physical and chemical, and transduce the signals that influence specific expression of genes, is an area of intensive scientific research. With the completion of the genome sequence of Arabidopsis it is understood now that a larger number of genes encode for proteins involved in signalling cascades and transcription factors. In this volume, different chapters deal with plant receptors, second messengers like calcium ions, phosphoinositides, salicylic acid and nitrous oxide, calcium binding proteins and kinases. In addition to dealing with the response of plants to light, hormones, pathogens, heat, etc. on cellular activity, work currently going on in apoptosis, cell division, and plastid gene expression is also covered in this book. | 1. Differential Perception of Environmental Light by Phytochromes; M. Furuya.2. Functions and Actions of Arabidopsis phytochromes; K.J. Halliday, et al.3. Signal Transduction in Photomorphogenesis: Intracellular Partitioning of Factors and Photoreceptors; E. Schäfer, et al.4. Molecular Genetic Analysis of Constitutively Photomorphogenic Mutants of Arabidopsis; J.P. Khurana, et al.5. Cytosolic...

Reviews

Basically no phrases to clarify. It really is writter in straightforward phrases rather than hard to understand. You will not sense monotony at at any moment of your own time (that's what catalogues are for concerning if you ask me).

-- ***Doris Beier***

This pdf will not be straightforward to get started on studying but really exciting to read. it absolutely was writtern really perfectly and useful. I am just very happy to tell you that this is basically the finest publication i actually have study during my personal daily life and may be he finest ebook for ever.

-- ***Miss Lavonne Grady II***