

Schekman, R., Goldstein, L., McKnight, S.L., Rossant, J. (ed.): **Annual Review of Cell and Developmental Biology**. Vol. 16. - Annual Reviews Inc., Palo Alto 2000. 757 pp. ISBN 0-8243-3116-8.

The readers of *Biologia Plantarum* will be mainly interested in following reviews: Ethylene: A gaseous signal molecule in plants (A.B. Bleecker and H. Kende), Cellular signaling and volume control in stomatal movements of plants (M.R. Blatt), Molecular recognition and response in pollen and pistill interactions (A.G. McCubbin, Teh-hui Kao), Viral entry into the nucleus (G.R. Whittaker *et al.*), and Plasmodesmata: gatekeepers for cell to cell transport of developmental signals in plants (P. Zambryski, K. Crawford). Other reviews covered in this Volume: Synaptic vesicle exocytosis, Membrane protein insertion in eubacteria and mitochondria, Tubulin interactions with proteins and drugs, Ezrin-radixin-moesin family of proteins, Molecular regulation of adipogenesis, Enteropathogenic *E. coli* interactions with the host, Bone development, *Drosophila* body plan, Cajal bodies, Epithelial M cells, Retinylidene proteins: structures and functions from *Archaea* to humans, Interactions of

pathogenic *Neisseriae* with epithelial cell membranes, Nuclear receptors and sterol balance, Dynamin and its role in membrane fission, Ca^{2+} channel regulation, Imaging secretory protein traffic, Sumo-nonclassical ubiquitin, and Myc/Max/Mad network and the transcriptional control of cell behaviour. All articles were written by the foremost experts in the field.

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