Schekman, R., Goldstein L., Rossant, J. (ed.): **Annual Review of Cell and Developmental Biology. Volume 20.** - Annual Reviews Inc., Palo Alto 2004, 961 pp. ISBN 0-8243-3120-6.

In the Preface the editor of this Volume (R. Schekman) critically discusses on the United States policy on the use of human embryonic stem cells. Readers of *Biologia Plantarum* will find especially interesting the reviews: Role of *knox* genes in plant development (S. Hake *et al.*), and Membrane trafficking in plants (G. Jürgens). Other topics covered include: Budding yeast spindle pole body, *Plasmodium* sporozoite cell biology, Regulation of muscle mass by myostatin, Endoplasmic reticulum and Golgi transport, Clathrin adaptors, Engulfment in *Caenorhabditis elegans*, Chemoattractant signaling, Laminin functions in tissue morphogenesis, Dorsal-ventral patterning and neural induction, Mitochondrial assembly, Adenomatous Polyposis coli protein, *Mycobacterium tuberculosis* phagosome, Retrovirus budding, Asymmetric cell division, Nuclear receptors in

macrophage biology, RNA translocation in axons, Biology of the synaptonemal complex, Cell growth/organelle segregation, Mechanisms of neuronal migration, Temporal identity in the CNS, Functions and properties of myosin VI, Cellular length control systems, Intestinal development and cancer, Planarian regeneration, Dynactin, Wnt signaling in development, Connexins in development and disease, Membrane domains, and Microtubule assembly. This Volume includes Chapter titles of Volumes 16 to 20, and a detailed Subject index. All articles were written by the foremost experts in the field. The price of this volume (especially the Individual) is comparatively low compared to other similar publications.

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