

Schekman, R., Goldstein L., McKnight, S.L. Rossant, J. (ed.): **Annual Review of Cell and Developmental Biology. Volume 18.** - Annual Reviews Inc., Palo Alto 2002. 842 pp. Individual price USD 75.00 (USA), 80.00 (elsewhere), institutional price 205.00 (USA), 209.00 (elsewhere). ISBN 0-8243-3118-4.

Readers of *Biologia Plantarum* will find especially interesting the reviews "Mechanisms of pollination and fertilization in plants" (E.M. Lord and S.D. Russell), "Receptor kinase signaling in plant development" (P. Bercraft), and "Chromatin remodeling in plant development" (J. Goodrich and S. Tweedie). Other topics covered include: "Membrane traffic exploited by protein toxins", "Cell biology of Alzheimer's disease", "Gene co-option in evolution", "Yersinia type III secretion", "Viruses and the cytoskeleton", "Chromosome-microtubule interaction", "Chlamydial inclusion", "Cellular control of actin nucleation", "Membrane fusion in eukaryotic cell", "Toxins that modulate the cytoskeleton", "Proteolysis and sterol regulation", "Golgi architecture and inheritance", "Autoinhibitory domains", "Epithelial morphogenesis", "Heterochronic genes",

"Regulation of signaling", "Vascular development", "Mammalian unfolded protein response", "Actin regulation in neurons", "Striated muscle cytoskeleton", and "Muscle progenitor cell specification".

The reviews include extensive references to the literature and are written in such a way, as to be valuable both to advanced students and scientist. The *Annual Review of Cell and Developmental Biology* is published by a non-profit scientific publisher. Thus the price of this volume (especially the individual) is comparatively low compared to other similar publications. The volume is online at <http://cellbio.annualreviews.org>. Abstract and content list at www.annualreviews.org. Mail orders to: 4139 El Camino Way, P.O.Box 10139, Palo Alto, CA, USA 94303-0139 or email address: service@annurev.org.

T. GICHNER (*Praha*)