Contents

Minireview

9-Cis retinoic acid signaling: changing partners causes some excitement  
Benoit P. Leblanc and Hendrik G. Stunnenberg 1811

Research papers

Ste20-like protein kinases are required for normal localization of cell growth and for cytokinesis in budding yeast  
Fatima Cvrčková, Claudio De Virgilio, Edward Manser, John R. Pringle, and Kim Nasmyth 1817

Kip/Cip and Ink4 Cdk inhibitors cooperate to induce cell cycle arrest in response to TGF-β  
Inga Reynisdóttir, Kornelia Polyak, Antonio Iavarone, and Joan Massagüé 1831

Apoptotic phenotype induced by overexpression of wild-type gas3/PMP22: its relation to the demyelinating peripheral neuropathy CMT1A  
Elsa Fabbretti, Paolo Edomi, Claudio Brancolini, and Claudio Schneider 1846

Biallelic expression of imprinted genes in the mouse germ line: implications for erasure, establishment, and mechanisms of genomic imprinting  
Piroska E. Szabó and Jeffrey R. Mann 1857

Cis-regulation of achaete and scute: shared enhancer-like elements drive their coexpression in proneural clusters of the imaginal discs  
José Luis Gómez-Skarmeta, Isabel Rodríguez, Carmen Martínez, Joaquim Culí, Dolores Ferrés-Marcó, Diego Beamonte, and Juan Modolell 1869

Deletion of β1 integrins in mice results in inner cell mass failure and peri-implantation lethality  
Laurie E. Stephens, Ann E. Sutherland, Irina V. Klimanskaya, Annie Andrieux, Juanito Meneses, Roger A. Pedersen, and Caroline H. Damsky 1883

Consequences of lack of β1 integrin gene expression in mice  
Reinhard Fässler and Michael Meyer 1896

Focal adhesion kinase in the brain: novel subcellular localization and specific regulation by Fyn tyrosine kinase in mutant mice  
Seth G.N. Grant, Kevin A. Karl, Michael A. Kiebler, and Eric R. Kandel 1909

MATa donor preference in yeast mating-type switching: activation of a large chromosomal region for recombination  
Xiaohua Wu and James E. Haber 1922

(continued)
Nucleosome positioning on the MMTV LTR results from the frequency-biased occupancy of multiple frames
Gilberto Fragoso, Sam John, M. Scot Roberts, and Gordon L. Hager

Addendum

Product news

Cover  Role for Ste20-like kinases in cell morphogenesis in budding yeast. (For details, see Cvrčková et al., p. 1817.)