Contents

Research papers

Intramolecular inhibition of activating transcription factor-2 function by its DNA-binding domain
Xiao-Yong Li and Michael R. Green

CBP as a transcriptional coactivator of c-Myb
Ping Dai, Hiroshi Akimaru, Yasunori Tanaka, De-Xing Hou, Takashi Yasukawa, Chie Kanei-Ishii, Tomomi Takahashi, and Shunsuke Ishii

Rum1 and Cdc18 link inhibition of cyclin-dependent kinase to the initiation of DNA replication in Schizosaccharomyces pombe
Prasad V. Jallepalli and Thomas J. Kelly

p53 is required for both radiation-induced differentiation and rescue of V(D)J rearrangement in scid mouse thymocytes
Molly A. Bogue, Chengming Zhu, Estuardo Aguilar-Cordova, Lawrence A. Donchower, and David B. Roth

Drosophila terminal structure development is regulated by the compensatory activities of positive and negative phosphotyrosine signaling sites on the torso RTK
Vaughn Cleghon, Urte Gayko, Terry D. Copeland, Lizabeth A. Perkins, Norbert Perrimon, and Deborah K. Morrison

Developing Caenorhabditis elegans neurons may contain both cell-death protective and killer activities
Shai Shaham and H. Robert Horvitz

Oxidative stress induces heat shock factor phosphorylation and HSF-dependent activation of yeast metallothionein gene transcription
Xiao-dong Liu and Dennis J. Thiele

Epigenetic effects on yeast transcription caused by mutations in an actin-related protein present in the nucleus
Yi Wei Jiang and David J. Stillman

Integration of the yeast retrotransposon Ty1 is targeted to regions upstream of genes transcribed by RNA polymerase III
Scott E. Devine and Jef D. Boeke

The Saccharomyces retrotransposon Ty5 integrates preferentially into regions of silent chromatin at the telomeres and mating loci
Sige Zou, Ning Ke, Jin M. Kim, and Daniel F. Voytas

Cover  Yeast retrotransposons Ty1 and Ty5 show regional specificity for tRNA gene upstream regions and silenced regions such as telomeres, respectively. [For details, see Devine and Boeke, p. 620 and Zou et al., p. 634.] Cover art by Juan Garcia, © The Johns Hopkins University School of Medicine, Department of Art as Applied to Medicine.