

# MOLECULAR AND CELLULAR BIOLOGY

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## SPOTLIGHT

Articles of Significant Interest Selected from This Issue by the Editors 911

## ARTICLES

- Genetic Requirements and Meiotic Function of Phosphorylation of the Yeast Axial Element Protein Red1** Yi-Ju Lai, Feng-Ming Lin, Mei-Jen Chuang, Hui-Ju Shen, and Ting-Fang Wang 912–923
- Transducin  $\beta$ -Like Protein 1 Recruits Nuclear Factor  $\kappa$ B to the Target Gene Promoter for Transcriptional Activation** Sivakumar Ramadoss, Jiong Li, Xiangming Ding, Khalid Al Hezaimi, and Cun-Yu Wang 924–934
- TIA1 Prevents Skipping of a Critical Exon Associated with Spinal Muscular Atrophy** Natalia N. Singh, Joonbae Seo, Eric W. Ottesen, Maria Shishimorova, Dhruva Bhattacharya, and Ravindra N. Singh 935–954
- CtBP2 Downregulation during Neural Crest Specification Induces Expression of Mitf and REST, Resulting in Melanocyte Differentiation and Sympathoadrenal Lineage Suppression** Hongzi Liang, Donna M. Fekete, and Ourania M. Andrisani 955–970
- HEB-Deficient T-Cell Precursors Lose T-Cell Potential and Adopt an Alternative Pathway of Differentiation** Marsela Braunstein and Michele K. Anderson 971–982
- Compartmentalized Ras Proteins Transform NIH 3T3 Cells with Different Efficiencies** Chiang-Min Cheng, Huiling Li, Stéphane Gasman, Jian Huang, Rachel Schiff, and Eric C. Chang 983–997
- Protein Interaction Domain Mapping of Human Kinetochore Protein Blinkin Reveals a Consensus Motif for Binding of Spindle Assembly Checkpoint Proteins Bub1 and BubR1** Tomomi Kiyomitsu, Hiroaki Murakami, and Mitsuhiro Yanagida 998–1011
- The Kinetoplast Duplication Cycle in *Trypanosoma brucei* Is Orchestrated by Cytoskeleton-Mediated Cell Morphogenesis** Eva Gluenz, Megan L. Povelones, Paul T. Englund, and Keith Gull 1012–1021
- Sirtuin-1 Targeting Promotes Foxp3<sup>+</sup> T-Regulatory Cell Function and Prolongs Allograft Survival** Ulf H. Beier, Liqing Wang, Tricia R. Bhatti, Yujie Liu, Rongxiang Han, Guanghui Ge, and Wayne W. Hancock 1022–1029
- Cse4 (CenH3) Association with the *Saccharomyces cerevisiae* Plasmid Partitioning Locus in Its Native and Chromosomally Integrated States: Implications in Centromere Evolution** Chu-Chun Huang, Sujata Hajra, Santanu Kumar Ghosh, and Makkuni Jayaram 1030–1040
- The ARID Family Transcription Factor Bright Is Required for both Hematopoietic Stem Cell and B Lineage Development** Carol F. Webb, James Bryant, Melissa Popowski, Laura Allred, Dongkoon Kim, June Harriss, Christian Schmidt, Cathrine A. Miner, Kira Rose, Hwei-Ling Cheng, Courtney Griffin, and Philip W. Tucker 1041–1053
- Increased Akt-mTOR Signaling in Lung Epithelium Is Associated with Respiratory Distress Syndrome in Mice** Hiroyuki Ikeda, Ichiro Shiojima, Toru Oka, Masashi Yoshida, Koji Maemura, Kenneth Walsh, Takashi Igarashi, and Issei Komuro 1054–1065

Continued on following page

Continued from preceding page

<b><math>\beta</math>-Arrestin 1 Inhibits the GTPase-Activating Protein Function of ARHGAP21, Promoting Activation of RhoA following Angiotensin II Type 1A Receptor Stimulation</b>	D. F. Anthony, Y. Y. Sin, S. Vadrevu, N. Advant, J. P. Day, A. M. Byrne, M. J. Lynch, G. Milligan, M. D. Houslay, and G. S. Baillie	1066–1075
<b>Characterization of the Core Elements of the NF-<math>\kappa</math>B Signaling Pathway of the Sea Anemone <i>Nematostella vectensis</i></b>	Francis S. Wolenski, Michael R. Garbati, Tristan J. Lubinski, Nikki Traylor-Knowles, Erica Dresselhaus, Derek J. Stefanik, Haley Goucher, John R. Finnerty, and Thomas D. Gilmore	1076–1087
<b>Role for Cohesin in the Formation of a Heterochromatic Domain at Fission Yeast Subtelomeres</b>	Sonia Dheur, Sven J. Saupe, Sylvie Genier, Stéphanie Vazquez, and Jean-Paul Javerzat	1088–1097
<b>TDP-43 Is Directed to Stress Granules by Sorbitol, a Novel Physiological Osmotic and Oxidative Stressor</b>	Colleen M. Dewey, Basar Cenik, Chantelle F. Sephton, Daniel R. Dries, Paul Mayer III, Shannon K. Good, Brett A. Johnson, Joachim Herz, and Gang Yu	1098–1108

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*Cover photograph* (Copyright © 2011, American Society for Microbiology. All Rights Reserved.): Whole-mount fixation and immunofluorescence staining of an adult sea anemone (*Nematostella vectensis*). On the left half is shown a light micrograph of the animal (with its prominent tentacles), and on the right half is a fluorescent image of the same anemone probed with anti-NF- $\kappa$ B antiserum. Select ectodermal cells (green), generally located in the posterior two-thirds of the animal, express the sea anemone NF- $\kappa$ B protein. (See related article on p. 1076.)