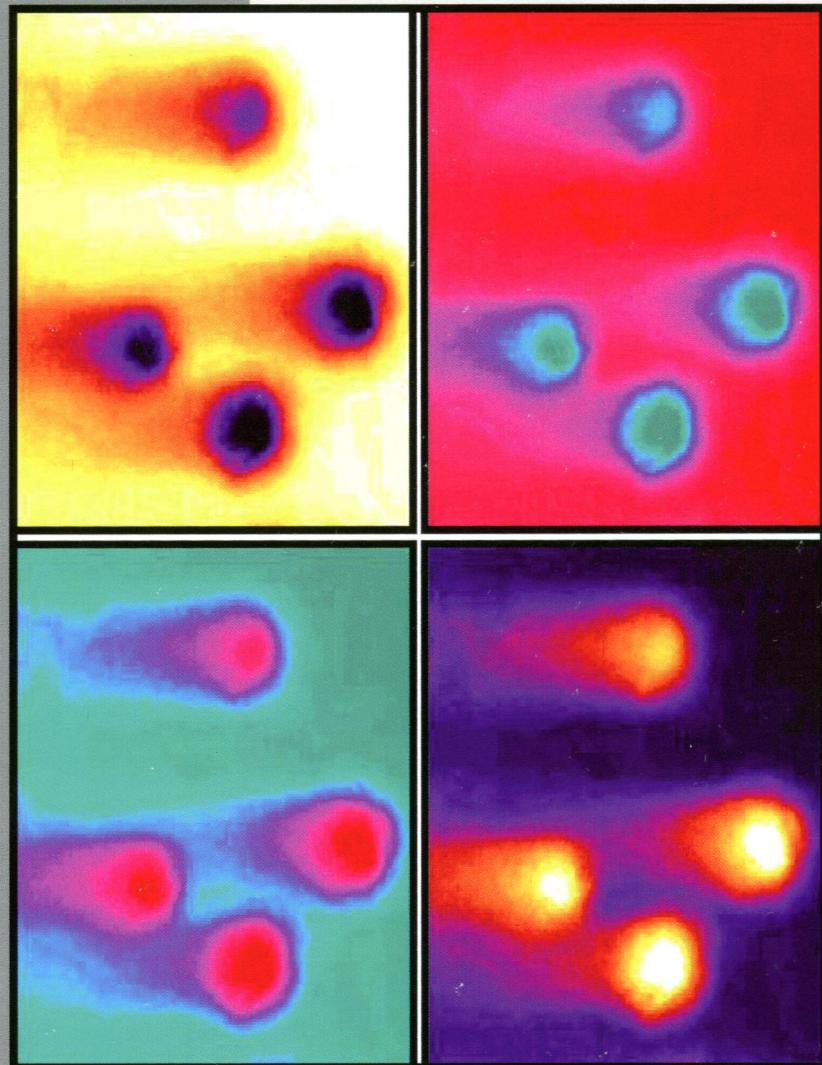


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Published Twice Monthly
September 2013, Volume 33, Number 18



AMERICAN
SOCIETY FOR
MICROBIOLOGY

MCB
Molecular and Cellular Biology

TABLE OF CONTENTS

SPOTLIGHT

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

3539

ARTICLES

- Interaction between 25S rRNA A Loop and Eukaryotic Translation Initiation Factor 5B Promotes Subunit Joining and Ensures Stringent AUG Selection**

3540–3548

- Mechanisms of Antisense Transcription Initiation from the 3' End of the *GAL10* Coding Sequence *In Vivo***

3549–3567

- Functional Intersection of ATM and DNA-Dependent Protein Kinase Catalytic Subunit in Coding End Joining during V(D)J Recombination**

3568–3579

- Huntingtin-Interacting Protein 1 Phosphorylation by Receptor Tyrosine Kinases**

3580–3593

- Genome-Wide Analysis of Chromatin States Reveals Distinct Mechanisms of Sex-Dependent Gene Regulation in Male and Female Mouse Liver**

Heather M. Ames, Anmin A. Wang,
Alanna Coughran, Kristen Evaul, Sha
Huang, Chiron W. Graves, Abigail A.
Soyombo, Theodora S. Ross

3594–3610

- Correct Assembly of RNA Polymerase II Depends on the Foot Domain and Is Required for Multiple Steps of Transcription in *Saccharomyces cerevisiae***

Aarathi Sugathan, David J. Waxman

- Parkin-Dependent Degradation of the F-Box Protein Fbw7β Promotes Neuronal Survival in Response to Oxidative Stress by Stabilizing Mcl-1**

3611–3626

- CD81 Controls Sustained T Cell Activation Signaling and Defines the Maturation Stages of Cognate Immunological Synapses**

Susanna Ekholm-Reed, Matthew S.
Goldberg, Michael G. Schlossmacher,
Steven I. Reed

3627–3643

- Insulin Inhibits Lipolysis in Adipocytes via the Evolutionarily Conserved mTORC1-Egr1-ATGL-Mediated Pathway**

V. Rocha-Perugini, M. Zamai,
J. M. González-Granado, O. Barreiro,
E. Tejera, M. Yañez-Mó, V. R. Caiolfa,
F. Sanchez-Madrid

3644–3658

- Self-Association of the Gal4 Inhibitor Protein Gal80 Is Impaired by Gal3: Evidence for a New Mechanism in the *GAL* Gene Switch**

Partha Chakrabarti, Ju Youn Kim,
Maneet Singh, Yu-Kyong Shin, Jessica
Kim, Joerg Kumbrink, Yuanyuan Wu,
Mi-Jeong Lee, Kathrin H. Kirsch,
Susan K. Fried, Konstantin V. Kandror

3659–3666

Onur Egriboz, Sudip Goswami,
Xiaorong Tao, Kathleen Dotts, Christie
Schaeffer, Vepkhia Pilauri, James E.
Hopper

3667–3674

Role of Membrane Association and Atg14-Dependent Phosphorylation in Beclin-1-Mediated Autophagy

Adam I. Fogel, Brian J. Dlouhy, Chunxin Wang, Seung-Wook Ryu, Albert Neutzner, Samuel A. Hasson, Dionisia P. Sideris, Hagai Abeliovich, Richard J. Youle 3675–3688

MicroRNA 329 Suppresses Angiogenesis by Targeting CD146

Ping Wang, Yongting Luo, Hongxia Duan, Shu Xing, Jianlin Zhang, Di Lu, Jing Feng, Dongling Yang, Lina Song, Xiyun Yan 3689–3699

Brain-Derived Neurotrophic Factor Signaling Rewrites the Glucocorticoid Transcriptome via Glucocorticoid Receptor Phosphorylation

W. Marcus Lambert, Chong-Feng Xu, Thomas A. Neubert, Moses V. Chao, Michael J. Garabedian, Freddy D. Jeanneteau 3700–3714

Mechanisms of STIM1 Activation of Store-Independent Leukotriene C₄-Regulated Ca²⁺ Channels

Xuexin Zhang, José C. González-Cobos, Rainer Schindl, Martin Muik, Brian Ruhle, Rajender K. Motiani, Jonathan M. Bisailon, Wei Zhang, Marc Fahrner, Margarida Barroso, Khalid Matrougui, Christoph Romanin, Mohamed Trebak 3715–3723

AUTHOR'S CORRECTION

A-Kinase Anchoring Protein Lbc Coordinates a p38 Activating Signaling Complex Controlling Compensatory Cardiac Hypertrophy

Irene Pérez López, Luca Cariolato, Darko Maric, Ludovic Gillet, Hugues Abriel, Dario Diviani 3724

Cover photograph (Copyright © 2013, American Society for Microbiology. All rights reserved.) Human histone variant H2AX is a key component of chromatin that participates in the DNA damage response. Human cells lacking H2AX accumulate DNA double-strand breaks and are deficient in DNA repair mechanisms. Comet tails, which identify unrepairs DNA double-strand breaks, are observed in MCF10A H2AX^{-/-} cells. Photos were first false colored in ImageJ and then compiled using Illustrator CS5.1. (See related article in January 2013, vol. 33, no. 1, p. 111.)