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SPOTLIGHT

Articles of Significant Interest Selected from This Issue by
the Editors

1935

COMMENTARY

Enhanced Tel1^{ATM} Checkpoint Signaling at Protein-Bound
Double-Strand Breaks

Gerald E. Dodson and Paul Russell

1936–1937

ARTICLES

A Rit GTPase–p38 Mitogen-Activated Protein Kinase
Survival Pathway Confers Resistance to Cellular Stress

Geng-Xian Shi, Ling Jin, and
Douglas A. Andres

1938–1948

Epigenetic Regulation of Surfactant Protein A Gene (*SP-A*)
Expression in Fetal Lung Reveals a Critical Role for Suv39h
Methyltransferases during Development and Hypoxia

Houda Benlhabib and Carole R.
Mendelson

1949–1958

Activation of Protein Kinase Tel1 through Recognition of
Protein-Bound DNA Ends

Kenzo Fukunaga, Youngho Kwon,
Patrick Sung, and Katsunori
Sugimoto

1959–1971

BMI1 Is Recruited to DNA Breaks and Contributes to DNA
Damage-Induced H2A Ubiquitination and Repair

Vasudeva Ginjala, Karim
Nacerddine, Atul Kulkarni, Jay Oza,
Sarah J. Hill, Ming Yao, Elisabetta
Citterio, Maarten van Lohuizen, and
Shridar Ganesan

1972–1982

FERM Domain Phosphoinositide Binding Targets Merlin to
the Membrane and Is Essential for Its Growth-Suppressive
Function

Timmy Mani, Robert F. Hennigan,
Lauren A. Foster, Deborah G.
Conrady, Andrew B. Herr, and
Wallace Ip

1983–1996

Cooperative Role of the RNA-Binding Proteins Hzf and HuR
in p53 Activation

Hideaki Nakamura, Hiroyuki
Kawagishi, Atsushi Watanabe,
Kazushi Sugimoto, Mitsuo
Maruyama, and Masataka Sugimoto

1997–2009

PEST Motif Serine and Tyrosine Phosphorylation Controls
Vascular Endothelial Growth Factor Receptor 2 Stability
and Downregulation

Rosana D. Meyer, Srimathi
Srinivasan, Amrik J. Singh, John E.
Mahoney, Kobra Rezazadeh
Gharahassanlou, and Nader Rahimi

2010–2025

Essential and Redundant Functions of Caudal Family
Proteins in Activating Adult Intestinal Genes

Michael P. Verzi, Hyunjin Shin, Li-
Lun Ho, X. Shirley Liu, and
Ramesh A. Shivdasani

2026–2039

Distinct Mechanisms of Ferritin Delivery to Lysosomes in
Iron-Depleted and Iron-Replete Cells

Takeshi Asano, Masaaki Komatsu,
Yuko Yamaguchi-Iwai, Fuyuki
Ishikawa, Noboru Mizushima, and
Kazuhiro Iwai

2040–2052

The Ubiquitin-Specific Protease USP34 Regulates Axin
Stability and Wnt/ β -Catenin Signaling

Tony T. H. Lui, Celine Lacroix,
Syed M. Ahmed, Seth J.
Goldenberg, Craig A. Leach, Avais
M. Daulat, and Stephane Angers

2053–2065

Histone Deacetylase 6 and Heat Shock Protein 90 Control
the Functions of Foxp3⁺ T-Regulatory Cells

Edwin F. de Zoeten, Liqing Wang,
Kyle Butler, Ulf H. Beier, Tatiana
Akimova, Hong Sai, James E.
Bradner, Ralph Mazitschek, Alan P.
Kozikowski, Patrick Matthias, and
Wayne W. Hancock

2066–2078

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Alk5-Mediated Transforming Growth Factor β Signaling Acts Upstream of Fibroblast Growth Factor 10 To Regulate the Proliferation and Maintenance of Dental Epithelial Stem Cells	Hu Zhao, Sha Li, Dong Han, Vesa Kaartinen, and Yang Chai	2079–2089
The Set2-RPB1 Interaction Domain of Human RECQ5 Is Important for Transcription-Associated Genome Stability	Min Li, Xiaohua Xu, and Yilun Liu	2090–2099
REST Interacts with Cbx Proteins and Regulates Polycomb Repressive Complex 1 Occupancy at RE1 Elements	Xiaojun Ren and Tom K. Kerppola	2100–2110
Importin Beta Plays an Essential Role in the Regulation of the LysRS-Ap₄A Pathway in Immunologically Activated Mast Cells	Irit Carmi-Levy, Alex Motzik, Yifat Ofir-Birin, Zohar Yagil, Christopher Maolin Yang, David Michael Kemeny, Jung Min Han, Sunghoon Kim, Gillian Kay, Hovav Nechushtan, Ryo Suzuki, Juan Rivera, and Ehud Razin	2111–2121
Nuclear but Not Cytosolic Phosphoinositide 3-Kinase Beta Has an Essential Function in Cell Survival	Amit Kumar, Javier Redondo-Muñoz, Vicente Perez-García, Isabel Cortes, Monica Chagoyen, and Ana C. Carrera	2122–2133
Motor Protein Myo1c Is a Podocyte Protein That Facilitates the Transport of Slit Diaphragm Protein Neph1 to the Podocyte Membrane	E. Arif, M. C. Wagner, D. B. Johnstone, H. N. Wong, B. George, P. A. Pruthi, M. J. Lazzara, and D. Nihalani	2134–2150
The <i>parkin</i> Mutant Phenotype in the Fly Is Largely Rescued by Metal-Responsive Transcription Factor (MTF-1)	Nidhi Saini, Oleg Georgiev, and Walter Schaffner	2151–2161
Podocyte-Specific Deletion of <i>Myh9</i> Encoding Nonmuscle Myosin Heavy Chain 2A Predisposes Mice to Glomerulopathy	Duncan B. Johnstone, Jidong Zhang, Britta George, Catherine Léon, Christian Gachet, Hetty Wong, Rulan Parekh, and Lawrence B. Holzman	2162–2170
<i>AUTHOR'S CORRECTION</i>		
Phosphorylation of p62 by cdk1 Controls the Timely Transit of Cells through Mitosis and Tumor Cell Proliferation	Juan F. Linares, Ramars Amanchy, Kenneth Greis, Maria T. Diaz-Meco, and Jorge Moscat	2171

Cover photograph (Copyright © 2011, American Society for Microbiology. All Rights Reserved.): Scanning electron micrographs ($\times 10,000$) of mouse glomeruli. Adult C57BL/6 mice are resistant to doxorubicin-induced glomerulopathy. Six weeks after injection, wild-type mice had normal urine protein excretion and preserved podocyte foot process architecture (top). In contrast, podocyte-specific deletion of *Myh9* appears to predispose podocytes to injury since doxorubicin injection on this background induced proteinuria and foot process spreading (bottom). (See related article on p. 2162.)