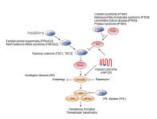
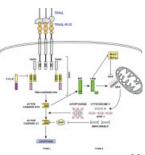
CONTENTS

Journal of Cellular Biochemistry

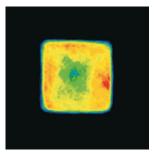
VOLUME 110 • NUMBER 1
CONTENTS
FEATURES v
PROSPECTS
The Kaposi's Sarcoma-Associated Herpesvirus G Protein-Coupled Receptor: Lessons on Dysregulated Angiogenesis from a Viral Oncogene Bruno C. Jham and Silvia Montaner
FGF Signalling as a Mediator of Lineage Transitions—Evidence From Embryonic Stem Cell Differentiation Santiago Nahuel Villegas, Maurice Canham, and Joshua M. Brickman
TRAIL/TRAIL-R in Hematologic Malignancies Ugo Testa
Replication Initiation and DNA Topology: The Twisted Life of the Origin E. Rampakakis, C. Gkogkas, D. Di Paola, and M. Zannis-Hadjopoulos
ARTICLES
Tissue Geometry Patterns Epithelial–Mesenchymal Transition Via Intercellular Mechanotransduction Esther W. Gomez, Qike K. Chen, Nikolce Gjorevski, and Celeste M. Nelson
RECK-Mediated Inhibition of Glioma Migration and Invasion Tatiana C. Silveira Corrêa, Renato Ramos Massaro, Carla Abdo Brohem, Sebastião Roberto Taboga, Marcelo Lazzaron Lamers, Marinilce Fagundes Santos, and Silvya Stuchi Maria-Engler



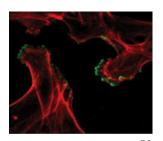
PAGE 6



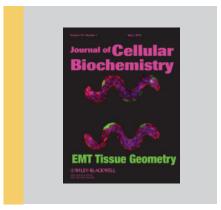
PAGE 23



PAGE 49



PAGE 58



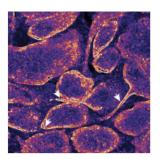
Cover: Cover shows a composite image of the sinusoidal monolayers, treated with TGFbeta and stained for alpha smooth muscle actin (green), cytokeratins (red), and DAPI (blue). See article in this issue by Gomez et al, pages 44-51.

CtBP Levels Control Intergenic Transcripts, PHO/YY1 DNA Binding, and

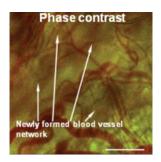
PcG Recruitment to DNA

Published online 15 January 2010

CONTENTS CONTINUED



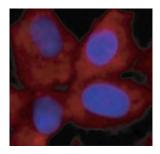
PAGE 75



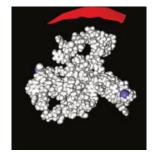
PAGE 83



PAGE 91



PAGE 107



PAGE 135

Vasostatin 1 Activates eNOS in Endothelial Cells Through a Proteoglycan-Dependent Mechanism Roberta Ramella, Ombretta Boero, Giuseppe Alloatti, Tommaso Angelone, Renzo Levi, and Maria Pia Gallo
Nestin-Expressing Interfollicular Blood Vessel Network Contributes to Skin Transplant Survival and Wound Healing Ryoichi Aki, Yasuyuki Amoh, Lingna Li, Kensei Katsuoka, and Robert M. Hoffman
Oxygen Tension Differentially Influences Osteogenic Differentiation of Human Adipose Stem Cells in 2D and 3D Cultures Jiawei He, Damian C. Genetos, Clare E. Yellowley, and J. Kent Leach
The Cleidocranial Dysplasia–Related R131G Mutation in the Runt–Related Transcription Factor RUNX2 Disrupts Binding to DNA But Not CBF-β Min-Su Han, Hyo-Jin Kim, Hee-Jun Wee, Kyung-Eun Lim, Na-Rae Park, Suk-Chul Bae, Andre J. van Wijnen, Janet L. Stein, Jane B. Lian, Gary S. Stein, and Je-Yong Choi.
Functional Expression of Double-Stranded RNA-Dependent Protein Kinase in Rat Intestinal Epithelial Cells Nagahiro Sato, Hiroyuki Morimoto, Ryoko Baba, Junichi Nakamata, Yoshiaki Doi, and Koji Yamaguchi
CDK5 Phosphorylates eNOS at Ser-113 and Regulates NO Production Chien-Hsing Lee, Yin-Win Wei, Yi-Ting Huang, Yuh-Te Lin, Yu-Cheng Lee, Kuen-Haur Lee, and Pei-Jung Lu
Validation and Application of Normalization Factors for Gene Expression Studies in Rubella Virus-Infected Cell Lines With Quantitative Real-Time PCR S. Chey, C. Claus, and U.G. Liebert
More Insights Into the CCN3/Connexin43 Interaction Complex and Its Role for Signaling Alexandra Gellhaus, Christoph Wotzlaw, Teresa Otto, Joachim Fandrey, and Elke Winterhager
Bradykinin-Induced Cell Migration and COX-2 Production Mediated by the Bradykinin B1 Receptor in Glioma Cells Dah-Yuu Lu, Yuk-Man Leung, Ssu-Ming Huang, and Kar-Lok Wong

Differential Antiapoptotic Effect of Erythropoietin on Undifferentiated and Retinoic Acid-Differentiated SH-SY5Y Cells Shirley D. Wenker, Marı'a E. Chamorro, Daiana M. Vota, Mariana A. Callero, Daniela C. Vittori, and Alcira B. Nesse	
CARM1 Activates Myogenin Gene via PCAF in the Early Differentiation of TPA-Induced Rhabdomyosarcoma-Derived Cells Xin Gao, Wei-song Pan, Hui Dai, Ye Zhang, Ning-hua Wu, and Yu-fei Shen	
Concurrent Inhibition of NF-kB, Cyclooxygenase-2, and Epidermal Growth Factor Receptor Leads to Greater Anti-Tumor Activity in Pancreatic Cancer	
Shadan Ali, Sanjeev Banerjee, Jacqueline M. Schaffert, Bassel F. El-Rayes, Philip A. Philip, and Fazlul H. Sarkar	
Cross-Talk Between T-Ag Presence and pRb Family and p53/p73 Signaling in Mouse and Human Medulloblastoma Valentina Caracciolo, Marcella Macaluso, Luca D'Agostino, Micaela Montanari, Jonathan Scheff, Krzysztof Reiss, Kamel Khalili, and Antonio Giordano	
Ganoderma atrum Polysaccharide Protects Cardiomyocytes Against Anoxia/Reoxygenation-Induced Oxidative Stress by Mitochondrial Pathway	
Wen-Juan Li, Shao-Ping Nie, Yi Chen, Ming-Yong Xie, Ming He, Qiang Yu, and Yan Yan	
Src-Like Adaptor Protein Regulates Osteoclast Generation and Survival Hyun-Ju Kim, Wei Zou, 1 Yuji Ito, Shin-Yoon Kim, Jean Chappel, F. Patrick Ross, and Steven L. Teitelbaum	
ATM Is Involved in Cell-Cycle Control Through the Regulation of Retinoblastoma Protein Phosphorylation	
Javier G. Pizarro, Jaume Folch, Aurelio Vazquez de la Torre, Felix Junyent, Ester Verdaguer, Joaquin Jordan, Merce Pallas, and Antoni Camins	
Subcellular Proteome Analysis Unraveled Annexin A2 Related to Immune Liver Fibrosis	
Lijun Zhang, Xia Peng, Zhanqin Zhang, Yanling Feng, Xiaofang Jia, Yuxin Shi, Hua Yang, Zhiyong Zhang, Xiaonan Zhang, Liwen Liu, Lin Yin, and Zhenghong Yuan	
DJ-1 Modulates the p38 Mitogen-Activated Protein Kinase Pathway Through Physical Interaction With Apoptosis Signal-Regulating Kinase 1 Jung-Soon Mo, Jane Jung, Ji-Hye Yoon, Ji-Ae Hong, Mi-Yeon Kim, Eun-Jung Ann, Mi-Sun Seo, Yun-Hee Choi, and Hee-Sae Park	

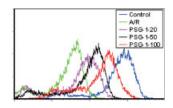




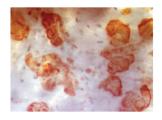
PAGE 167



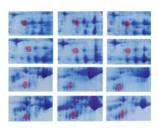
PAGE 175



PAGE 196



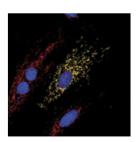
PAGE 207



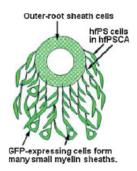
PAGE 225

(continued on next page)





PAGE 243



PAGE 274

Characterization of the Murine SIRT3 Mitochondrial Localization Sequence and Comparison of Mitochondrial Enrichment and Deacetylase Activity of Long and Short SIRT3 Isoforms

IL-6 and High Glucose Synergistically Upregulate MMP-1 Expression by U937 Mononuclear Phagocytes via ERK1/2 and JNK Pathways and c-Jun

Preservation of the Chondrocyte's Pericellular Matrix Improves Cell-Induced Cartilage Formation

Direct Transplantation of Uncultured Hair-Follicle Pluripotent Stem (hfPS) Cells Promotes the Recovery of Peripheral Nerve Injury

Published online 26 March 2010