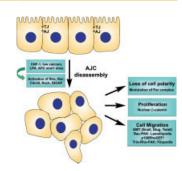
CONTENTS

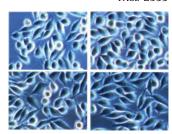
Journal of Cellular Biochemistry

VOLUME 113 • NUMBER 8

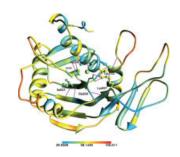
CONTENTSi
FEATURESv
PROSPECTS
Rho GTPase Signaling in the Development of Colorectal Cancer Fernanda Leve and José A. Morgado-Díaz
ARTICLES
Inhibitory Effect of Paeoniflorin on the Inflammatory Vicious Cycle Between Adipocytes and Macrophages Boren Jiang, Jie Qiao, Yuguo Yang, and Yingli Lu
Novel Polypyridyl Chelators Deplete Cellular Zinc and Destabilize the X-Linked Inhibitor of Apoptosis Protein (XIAP) Prior to Induction of Apoptosis in Human Prostate and Breast Cancer Cells Jian Zuo, Sara M. Schmitt, Zhen Zhang, Jai Prakash, Yuhua Fan, Caifeng Bi, Jeremy J. Kodanko, and Q. Ping Dou
Structural Evolution and Functional Diversification Analyses of Argonaute Protein Kai-Fa Wei, Ling-Juan Wu, Juan Chen, Yan-feng Chen, and Dao-xin Xie2576 ACCEPTED MANUSCRIPT ONLINE 13 MARCH 2012
Resveratrol Chemosensitizes Breast Cancer Cells to Melphalan by Cell Cycle Arrest Fabiana Casanova, Julia Quarti, Danielly Cristiny Ferraz da Costa, Caroline Araújo Ramos, Jerson Lima da Silva, and Eliane Fialho



PAGE 2553



PAGE 2572



PAGE 2582

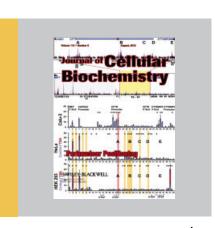


PAGE 2604

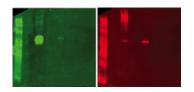


ACCEPTED MANUSCRIPT ONLINE 13 MARCH 2012

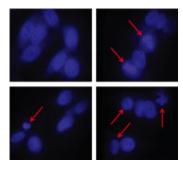
Cover: Validation of the H3ac ChIP-chip data by ChIP-qPCR and identification of sites that are consistently enriched in H3ac when CFTR localizes in the nuclear interior. Sixty-three qPCR primer pairs (numbered 1-63) were used. Regions A-E are indicated. See article by Muck et al., page 2607-2621 this issue.



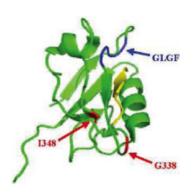




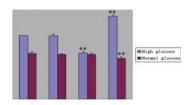
PAGE 2627



PAGE 2648



PAGE 2668

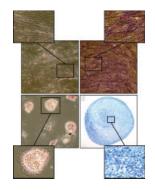


PAGE 2677

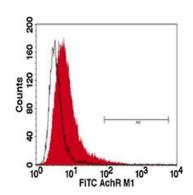
Perinuclear Positioning of the Inactive Human Cystic Fibrosis Gene Depends on CTCF, A-Type Lamins and an Active Histone Deacetylase Joscha S. Muck, Karthikeyan Kandasamy, Andreas Englmann, Martin Günther, and Daniele Zink
ACCEPTED MANUSCRIPT ONLINE 15 MARCH 2012
SPARC/SFN Interaction, Suppresses Type I Collagen in Dermal Fibroblasts Claudia Chavez-Muñoz, Ryan Hartwell, Reza B. Jalili, Seyed Mehdi Jafarnejad, Amy Lai, Layla Nabai, Abdi Ghaffari, Peymon Hojabrpour, Natalia Kanaan, Vincent Duronio, Emma Guns, Artem Cherkasov, and Aziz Ghahary
Mangiferin Aglycone Attenuates Radiation-Induced Damage on Human Intestinal Epithelial Cells Jixiao Lei, Chuanfeng Zhou, Honggang Hu, Lina Hu, Meijia Zhao, Yanyong Yang, Yunhai Chuai, Jin Ni, and Jianming Cai
Furanodiene Enhances Tamoxifen-Induced Growth Inhibitory Activity of ERa-Positive Breast Cancer Cells in a PPARγ Independent Manner Zhang-Feng Zhong, Ying-Bo Li, Sheng-Peng Wang, Wen Tan, Xiu-Ping Chen, Mei-Wan Chen, and Yi-Tao Wang
Transcript Characteristic of Myostatin in Sheep Fibroblasts Jian Lu, Hangxing Ren, Xihui Sheng, Xiaoning Zhang, Shangang Li, Fuping Zhao, Xinlei Zhou, Li Zhang, Caihong Wei, Jiatong Ding, Bichun Li, and Lixin Du
A Functional Network of the Tumor Suppressors APC, hDlg, and PTEN, that Relies on Recognition of Specific PDZ-Domains Natalia S. Sotelo, Miguel Valiente, Anabel Gil, and Rafael Pulido
Interferon Regulatory Factor-1 as a Positive Regulator for High Glucose-Induced Proliferation of Vascular Smooth Muscle Cells Sun Yu, Zhang Xi, Chen Hai-Yan, Chi Ya-Li, Xiong Shao-Hu, Zhang Chuan-Sen, Yang Xiang-Qun, Guo Jin-Ping, Lin Hai-Yan, and Dong Lei
Legumain: A Biomarker for Diagnosis and Prognosis of Human Ovarian Cancer Lina Wang, Si Chen, Mingna Zhang, Na Li, Yanan Chen, Weijun Su, Yanhua Liu, Dan Lu, Sanglin Li, Yixuan Yang, Zongjin Li, Dwayne Stupack, Pengpeng Qu, Huaidong Hu, and Rong Xiang

MicroRNAs miR-96, miR-124, and miR-199a Regulate Gene Expression in Human Bone Marrow-Derived Mesenchymal Stem Cells Salla K. Laine, Jessica J. Alm, Sanna P. Virtanen, Hannu T. Aro, and Tiina K. Laitala-Leinonen
Novel Protein pp3501 Mediates the Inhibitory Effect of Sodium Butyrate on SH-SY5Y Cell Proliferation Yajun Wang, Chao Ma, Haitao Zhang, and Jun Wu
Acetylcholine Induces Mesenchymal Stem Cell Migration Via Ca ²⁺ /PKC/ERK1/2 Signal Pathway Jun-Ming Tang, Jie Yuan, Qing Li, Jia-Ning Wang, Xia Kong, Fei Zheng, Lei Zhang, Long Chen, Lin-Yun Guo, Yong-Hang Huang, Jian-Ye Yang, and Shi-You Chen
Insulin-Like Growth Factor I Receptor Involvement in Proliferation of NOR-P1 Cells in Serum-Free Media Minoru Tomizawa, Fuminobu Shinozaki, Takao Sugiyama, Shigenori Yamamoto, Makoto Sueishi, and Takanobu Yoshida
Protein Arginine Methylation of SERBP1 by Protein Arginine Methyltransferase 1 Affects Cytoplasmic/Nuclear Distribution Yu-Jen Lee, Wan-Yu Hsieh, Ling-Yun Chen, and Chuan Li
Overexpression of Forkhead Box J2 Can Decrease The Migration of Breast Cancer Cells Yingying Wang, Shuyun Yang, Qichao Ni, Song He, Yunhong Zhao, Qin Yuan, Chunmiao Li, Hongwei Chen, Li Zhang, Lin Zou, Aiguo Shen, and Chun Cheng
PDE5 Inhibitor Promotes Melanin Synthesis Through the PKG Pathway in B16 Melanoma Cells Xiaodong Zhang, Guirui Yan, Jun Ji, Jingwei Wu, Xiaoyun Sun, Jingshan Shen, Hualiang Jiang, and Heyao Wang

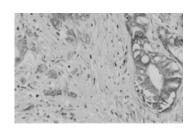




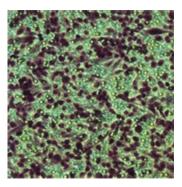
PAGE 2690



PAGE 2707



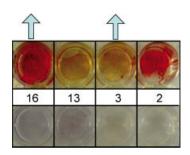
PAGE 2716



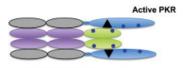
PAGE 2734

(continued on next page)

CONTENTS

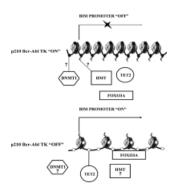


PAGE 2747

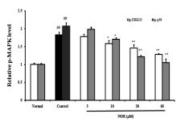


Stable PACT-PACT interactions

PAGE 2763



PAGE 2772



PAGE 2788

ATF5, a Possible Regulator of Osteogenic Differentiation in Human Adipose-Derived Stem Cells

Increased Interaction Between PACT Molecules in Response to Stress Signals Is Required for PKR Activation

Cytoplasmatic Compartmentalization by Bcr-Abl Promotes TET2 Loss-of-Function in Chronic Myeloid Leukemia

Type 1 Inositol-1,4,5-Trisphosphate Receptor is a Late Substrate of Caspases During Apoptosis

Norisoboldine Inhibits the Production of Interleukin-6 in Fibroblast-Like Synoviocytes From Adjuvant Arthritis Rats Through PKC/MAPK/NF-kB-p65/CREB Pathways

RETRACTION