

CONTENTS

Journal of **Cellular
Biochemistry**

VOLUME 115 • NUMBER 1

CONTENTS i

FEATURES iv

PROSPECTS

Malignant Mesothelioma: Development to Therapy

Joyce K. Thompson, Catherine M. Westbom, and Arti Shukla 1

ACCEPTED MANUSCRIPT ONLINE 19 AUGUST 2013

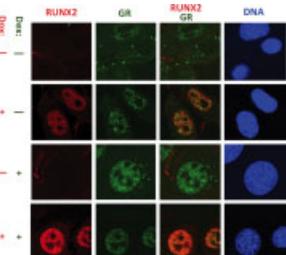


PAGE 20

Eliminative Signaling by Janus Kinases: Role in the Downregulation of Associated Receptors

Christopher J. Carbone and Serge Y. Fuchs 8

ACCEPTED MANUSCRIPT ONLINE 19 AUGUST 2013

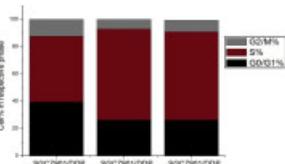


PAGE 30

Role of SPARC in Bone Remodeling and Cancer-Related Bone Metastasis

Nilza Ribeiro, Susana R. Sousa, Rolf A. Brekken, and Fernando J. Monteiro 17

ACCEPTED MANUSCRIPT ONLINE 26 AUGUST 2013



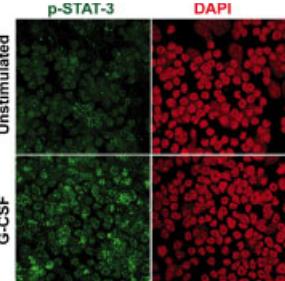
PAGE 38

ARTICLES

Glucocorticoids Antagonize RUNX2 During Osteoblast Differentiation in Cultures of ST2 Pluripotent Mesenchymal Cells

Theodora Koromila, Sanjeev K. Baniwal, Yae S. Song, Anthony Martin, Jian Xiong, and Baruch Frenkel 27

ACCEPTED MANUSCRIPT ONLINE 14 AUGUST 2013



PAGE 49

Reversal of Multidrug Resistance in Gastric Cancer Cells by E2F-1 Downregulation In Vitro and In Vivo

Lin-Hai Yan, Xiao-Tong Wang, Jie Yang, Fan-Biao Kong, Chao Lian, Wei-Yuan Wei, Wen Luo, Yu-Bo Xie, and Qiang Xiao 34

ACCEPTED MANUSCRIPT ONLINE 22 AUGUST 2013

PLC γ 2 and PKC Are Important to Myeloid Lineage Commitment Triggered by M-SCF and G-CSF

Christiano Marcello Vaz Barbosa, Claudia Bincoletto, Carlos Castilho Barros, Alice T. Ferreira, and Edgar J. Paredes-Gamero 42

ACCEPTED MANUSCRIPT ONLINE 22 AUGUST 2013

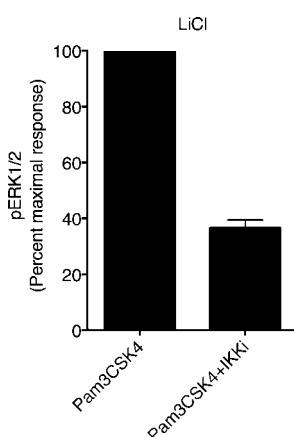


Cover: The co-localization of FBP1 with cellular or histologic marker and association with Schwann cells proliferation marker Ki-67. See article by Yao et al. on pages 130–140.

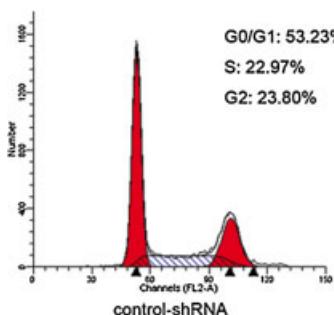
(continued on next page)

CONTENTS

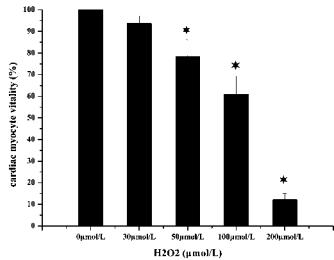
CONTINUED



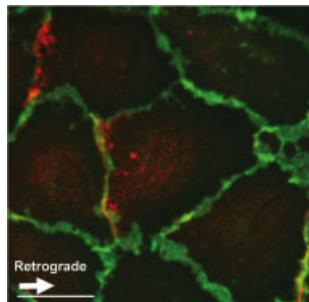
PAGE 77



PAGE 89



PAGE 95



PAGE 125

A Truncated-Flt1 Isoform of Breast Cancer Cells is Upregulated by Notch and Downregulated by Retinoic Acid

Belen Mezquita, Jovita Mezquita, Carme Barrot, Silvia Carvajal, Montserrat Pau, Pau Mezquita, and Cristobal Mezquita 52
ACCEPTED MANUSCRIPT ONLINE 31 JULY 2013

Elaidate, an 18-Carbon *trans*-Monoenoic Fatty Acid, Inhibits β -Oxidation in Human Peripheral Blood Macrophages

Janelle R. Zacherl, Stephanie J. Mihalik, Donald H. Chace, Tyson C. Christensen, Lisa J. Robinson, and Harry C. Blair 62
ACCEPTED MANUSCRIPT ONLINE 31 JULY 2013

Lithium Chloride Induces TNF α in Mouse Macrophages Via MEK-ERK-Dependent Pathway

Megan Hull, Eunhee Lee, Taehyung Lee, Nandita Anand, Vernon LaLone, and Narayanan Parameswaran 71
ACCEPTED MANUSCRIPT ONLINE 31 JULY 2013

Nemo-Like Kinase (NLK) Inhibits the Progression of NSCLC via Negatively Modulating WNT Signaling Pathway

Liting Lv, Chunhua Wan, Buyou Chen, Mei Li, Yifei Liu, Tingting Ni, Yi Yang, Yanhua Liu, Xia Cong, Guoxin Mao, and Qun Xue 81
ACCEPTED MANUSCRIPT ONLINE 31 JULY 2013

MicroRNA-214 Protects Cardiac Myocytes Against H₂O₂-Induced Injury

Guangwei Lv, Suxia Shao, Hua Dong, Xiaohua Bian, Xingwei Yang, and Shimin Dong 93
ACCEPTED MANUSCRIPT ONLINE 31 JULY 2013

A Novel FGFR2 Mutation in Tyrosine Kinase II Domain, L617F, in Crouzon Syndrome

Ye-Jin Suh, Han-Sol Bae, Jin-Young Choi, Jong-Ho Lee, Myung-Jin Kim, Sukwha Kim, Hyun-Mo Ryoo, and Seung-Hak Baek 102
ACCEPTED MANUSCRIPT ONLINE 2 AUGUST 2013

Surface Density of Vascular Endothelial Growth Factor Modulates Endothelial Proliferation and Differentiation

Richard J. Galas Jr. and Julie C. Liu 111
ACCEPTED MANUSCRIPT ONLINE 2 AUGUST 2013

Distinctive Subcellular Akt-1 Responses to Shear Stress in Endothelial Cells

Benoit Melchior and John A. Frangos 121
ACCEPTED MANUSCRIPT ONLINE 2 AUGUST 2013

CONTENTS

FBP1 and p27kip1 Expression After Sciatic Nerve Injury: Implications for Schwann Cells Proliferation and Differentiation

Li Yao, Jianhua Cao, Huiqing Sun, Aisong Guo, Aihong Li, Zhiyun Ben, Haiyan Zhang, Xinxiu Wang, Zongmei Ding, Xiaojing Yang, Xianting Huang, Yuhong Ji, and Zhengming Zhou 130
ACCEPTED MANUSCRIPT ONLINE 12 AUGUST 2013

High Expression of SGTA in Esophageal Squamous Cell Carcinoma Correlates With Proliferation and Poor Prognosis

Xiaojing Yang, Lei Cheng, Mei Li, Hui Shi, Hanru Ren, Zongmei Ding, Fang Liu, Yuchan Wang, and Chun Cheng 141
ACCEPTED MANUSCRIPT ONLINE 12 AUGUST 2013

3,4-Dihydroxybenzalacetone Protects Against Parkinson's Disease-Related Neurotoxin 6-OHDA Through Akt/Nrf2/Glutathione Pathway

Kei Gunjima, Ryoichi Tomiyama, Ken Takakura, Takashi Yamada, Koji Hashida, Yutaka Nakamura, Tetsuya Konishi, Seiichi Matsugo, and Osamu Hori 151
ACCEPTED MANUSCRIPT ONLINE 19 AUGUST 2013

The Diadenosine Homodinucleotide P18 Improves In Vitro Myelination in Experimental Charcot-Marie-Tooth Type 1A

Lucilla Nobbio, Davide Visigalli, Elena Mannino, Fulvia Fiorese, Matthias U. Kassack, Laura Sturla, Valeria Prada, Antonio De Flora, Elena Zocchi, Santina Bruzzone, and Angelo Schenone 161
ACCEPTED MANUSCRIPT ONLINE 19 AUGUST 2013

HSF1 and Sp1 Regulate FUT4 Gene Expression and Cell Proliferation in Breast Cancer Cells

Xuesong Yang, Jiao Wang, Shuai Liu, and Qiu Yan 168
ACCEPTED MANUSCRIPT ONLINE 19 AUGUST 2013

Roles of Parathyroid Hormone (PTH) Receptor and Reactive Oxygen Species in Hyperlipidemia-Induced PTH Resistance in Preosteoblasts

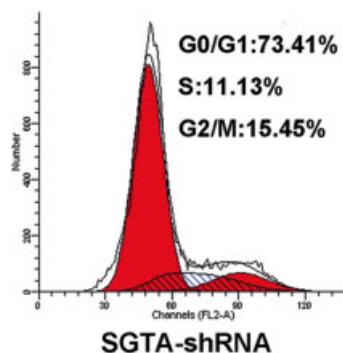
Xin Li, Jamie Garcia, Jinxiu Lu, Sidney Iriana, Ivo Kalajzic, David Rowe, Linda L. Demer, and Yin Tintut 179
ACCEPTED MANUSCRIPT ONLINE 26 AUGUST 2013

Saccharomyces boulardii and *Bacillus subtilis* B10 Modulate TLRs Mediated Signaling to Induce Immunity by Chicken BMDCs

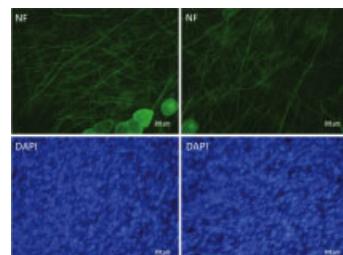
Imran Rashid Rajput, Altaf Hussain, Ya Li Li, Xiaoping Zhang, Xin Xu, Mao Yu Long, Dong Yu You, and Wei Fen Li 189
ACCEPTED MANUSCRIPT ONLINE 26 AUGUST 2013

The 51kDa FADS3 is Secreted in the ECM of Hepatocytes and Blood in Rat

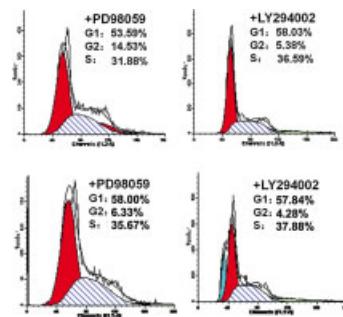
Hélène Blanchard, Nathalie Boulier-Monthéan, Philippe Legrand, and Frédérique Pédrone 199
ACCEPTED MANUSCRIPT ONLINE 21 AUGUST 2013



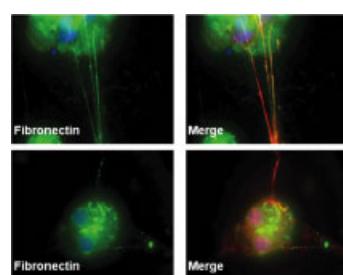
PAGE 147



PAGE 165



PAGE 175



PAGE 203