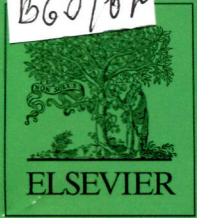
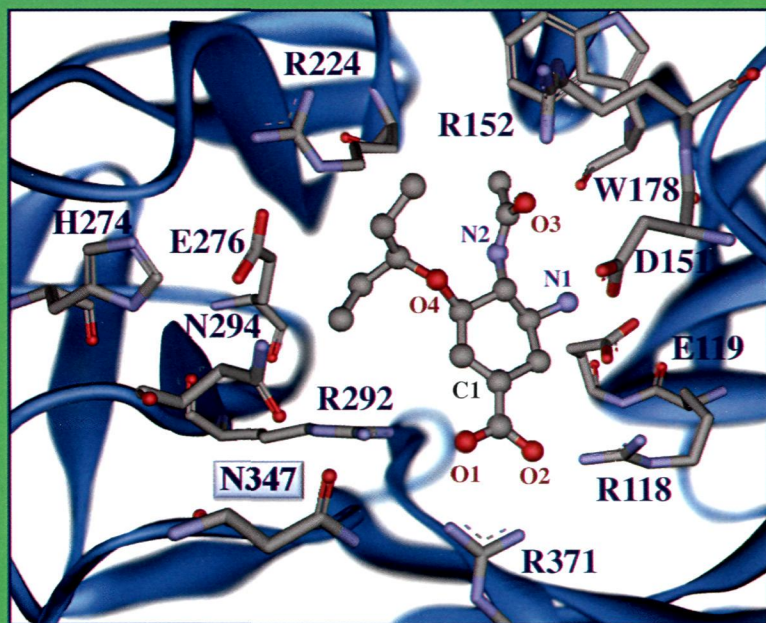


111
BGO/br



B B R C

Biochemical and Biophysical Research Communications





Volume 447, Issue 4, May 16, 2014

CONTENTS

Abstracted/Indexed in Biological Abstracts (BIOSIS), Chemical Abstracts, Current Contents/Life Sciences, EMBASE, *Index Medicus* (MEDLINE), Science Citation Index, and SCISEARCH. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.

REGULAR ARTICLES

- CXCR4 and PTEN are involved in the anti-metastatic regulation of anethole in DU145 prostate cancer cells
Yun-Hee Rhee, Phil-Sang Chung, Sung-Hoon Kim, Jin Chul Ahn 557
- IKK- β /NF- κ B p65 mediates p27^{Kip1} protein degradation in arsenite response
Wei Guo, Jinyi Liu, Jinlong Jian, Jingxia Li, Yu Wan, Chuanshu Huang 563
- Differential AMPK phosphorylation by glucagon and metformin regulates insulin signaling in human hepatic cells
Darius Kang Lie Aw, Rohit A. Sinha, Sherwin Ying Xie, Paul M. Yen 569
- P-glycoprotein mediates the collateral sensitivity of multidrug resistant cells to steroid hormones
Rémi-Martin Laberge, Raghuram Ambadipudi, Elias Georges 574
- Bortezomib enhances the osteogenic differentiation capacity of human mesenchymal stromal cells derived from bone marrow and placental tissues
Tanwarat Sanvoranart, Aungkura Supokawej, Pakpoom Kheolamai, Yaowalak U-pratya, Nuttha Klincumhom, Sirikul Manochantr, Methichit Wattapanitch, Surapol Issaragrisil 580
- The fungal chimerolectin MOA inhibits protein and DNA synthesis in NIH/3T3 cells and may induce BAX-mediated apoptosis
Gabriele Cordara, Harry C. Winter, Irwin J. Goldstein, Ute Kregel, Kirsten Sandvig 586
- Potent γ -secretase inhibitors/modulators interact with amyloid- β fibrils but do not inhibit fibrillation: A high-resolution NMR study
Ravichandran Yesuvadian, Janarthanan Krishnamoorthy, Ayyalusamy Ramamoorthy, Anirban Bhunia 590
- The functional expression and motile properties of recombinant outer arm dynein from *Tetrahymena*
Masaki Edamatsu 596
- Luteolin inhibits the Nrf2 signaling pathway and tumor growth *in vivo*
Song Chian, Ruby Thapa, Zhexu Chi, Xiu Jun Wang, Xiuwen Tang 602
- CD26-mediated regulation of periostin expression contributes to migration and invasion of malignant pleural mesothelioma cells
Eriko Komiya, Kei Ohnuma, Hiroto Yamazaki, Ryo Hatano, Satoshi Iwata, Toshihiro Okamoto, Nam H. Dang, Taketo Yamada, Chikao Morimoto 609
- Tetraspanin CD9 modulates human lymphoma cellular proliferation via histone deacetylase activity
Michael J. Herr, Celia M. Longhurst, Benjamin Baker, Ramin Homayouni, Henry E. Speich, Jayaprakash Kotha, Lisa K. Jennings 616

Molecular cloning, characterization and expression of a gene encoding phosphoketolase from <i>Termitomyces clypeatus</i>	Prabuddha Sarkar, Amit Roy	621
Combinatorial reshaping of a lipase structure for thermostability: Additive role of surface stabilizing single point mutations	Rakesh Kumar, Ranvir Singh, Jagdeep Kaur	626
Regulatory effect of the glial Golli-BG21 protein on the full-length murine small C-terminal domain phosphatase (SCP1, or Golli-interacting protein)	Sergio Jaramillo-Tatis, Kenrick A. Vassall, Vladimir V. Bamm, George Harauz	633
Cell type-specific reciprocal regulation of <i>HIF1A</i> gene expression is dependent on 5'- and 3'-UTRs	Motoaki Yasuda, Tomoyuki Hatanaka, Hiroki Shirato, Takeshi Nishioka	638
Panax red ginseng extract regulates energy expenditures by modulating PKA dependent lipid mobilization in adipose tissue	Hae-Mi Cho, Young-Ho Kang, Hanju Yoo, Seung-Yong Yoon, Sang-Wook Kang, Eun-Ju Chang, Youngsup Song	644
Ablation of <i>cereblon</i> attenuates myocardial ischemia-reperfusion injury	Jooyeon Kim, Kwang Min Lee, Chul-Seung Park, Woo Jin Park	649
Establishment of a signal peptide with cross-species compatibility for functional antibody expression in both <i>Escherichia coli</i> and Chinese hamster ovary cells	Ryuma Nagano, Kazuhiro Masuda	655
Human adipocytes are highly sensitive to intermittent hypoxia induced NF-kappaB activity and subsequent inflammatory gene expression	Cormac T. Taylor, Brian D. Kent, Sophie J. Crinion, Walter T. McNicholas, Silke Ryan	660
Protective effects of exogenous β -hydroxybutyrate on paraquat toxicity in rat kidney	Teng Wei, Wulin Tian, Fangning Liu, Guanghong Xie	666
Regulation of hemoxygenase-1 gene expression by Nrf2 and c-Jun in tertiary butylhydroquinone-stimulated rat primary astrocytes	Jin-Sun Park, Hee-Sun Kim	672
Valproic acid downregulates Cdk5 activity via the transcription of the p35 mRNA	Miyuki Takahashi, Manami Ishida, Taro Saito, Toshio Ohshima, Shin-ichi Hisanaga	678
Differentiation, polarization, and migration of human induced pluripotent stem cell-derived neural progenitor cells co-cultured with a human glial cell line with radial glial-like characteristics	Yohei Bamba, Tomoko Shofuda, Daisuke Kanematsu, Masahiro Nonaka, Mami Yamasaki, Hideyuki Okano, Yonehiro Kanemura	683
TGF- β 2 induces transdifferentiation and fibrosis in human lens epithelial cells via regulating gremlin and CTGF	Bo Ma, Qianyan Kang, Li Qin, Lijun Cui, Cheng Pei	689
A site-directed mutagenesis study of the MdmX RING domain	Olga Egorova, Yi Sheng	696
MTHFR promotes heterochromatin maintenance	Bingtao Zhu, Zhikai Xiahou, Heyu Zhao, Bin Peng, Hongchang Zhao, Xingzhi Xu	702
High uric acid directly inhibits insulin signalling and induces insulin resistance	Yuzhang Zhu, Yaqiu Hu, Tianliang Huang, Yongneng Zhang, Zhi Li, Chaohuan Luo, Yinfeng Luo, Huier Yuan, Ichiro Hisatome, Tetsuya Yamamoto, Jidong Cheng	707
Co-culture with human synovium-derived mesenchymal stem cells inhibits inflammatory activity and increases cell proliferation of sodium nitroprusside-stimulated chondrocytes	Jae-Sung Ryu, Yeon-Hwa Jung, Mi-Young Cho, Jee Eun Yeo, Yun-Jin Choi, Yong Il Kim, Yong-Gon Koh	715

Continued

Corrigendum to "Novel sinomenine derivative 1032 improves immune suppression in experimental autoimmune encephalomyelitis" [Biochem. Biophys. Res. Commun. 391 (2010) 1093–1098]

Ling-Chen Yan, En-Guang Bi, Yang-Tong Lou, Xiao-Dong Wu, Zhi-Duo Liu, Jia Zou, Yuan Wang, Zhao Ma, Guo-Mei Lin, Shu-Hui Sun, Chao Bian, Ai-Zhong Chen, Zhu-Jun Yao, Bing Sun

721

A full and complete Guide for Authors can be found at: <http://authors.elsevier.com/locate/ybbrc>.

BBRC has no page charges