



Volume 379, Number 1, January 30, 2009

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®.

- Inactivation of CREB mediated gene transcription by HDAC8 bound protein phosphatase **Jingxia Gao, Benjamin Siddoway, Qing Huang, Houhui Xia** 1
- Rapid recruitment of innate immunity regulates variation of intracellular pathogen resistance in *Drosophila* **Kiyoshi Okado, Naoaki Shinzawa, Hiroka Aonuma, Bryce Nelson, Shinya Fukumoto, Kozo Fujisaki, Shin-ichiro Kawazu, Hirotaka Kanuka** 6
- Developmental changes in the regulation of calcium-dependent neurite outgrowth **Yuko Arie, Masumi Iketani, Ken Takamatsu, Katsuhiko Mikoshiba, Yoshio Goshima, Kohtaro Takei** 11
- HOXA10 suppresses p/CAF promoter activity via three consecutive TTAT units in human endometrial stromal cells **Haixiang Sun, Linjun Chen, Guijun Yan, Ruina Wang, Zhenyu Diao, Yali Hu, Chaojun Li** 16
- Her4 is necessary for establishing peripheral projections of the trigeminal ganglia in zebrafish **Ju-Hoon So, Hang-Suk Chun, Yong-Ki Bae, Hyun-Seo Kim, Yeoll-Mae Park, Tae-Lin Huh, Ajay B. Chitnis, Cheol-Hee Kim, Sang-Yeob Yeo** 22
- Cyclosporine A aggravates vascular endothelial injury in hyperlipidemic rats by down-regulating decay-accelerating factor **Wei Wang, Peng Zhang, Jinjing Wang, Hong Bu** 27
- Palmitate alters neuregulin signaling and biology in cardiac myocytes **Thomas A Miller, Basak Icli, Gregory M. Cote, Nathan K. LeBrasseur, Steve C. Borkan, David R. Pimentel, Xuyang Peng, Douglas B. Sawyer** 32
- Characterization of diabetic nephropathy in CaM kinase II α (Thr286Asp) transgenic mice **Hikari Suzuki, Ichiro Kato, Isao Usui, Ichiro Takasaki, Yoshiaki Tabuchi, Takeshi Oya, Koichi Tsuneyama, Hiroshi Kawaguchi, Koichi Hiraga, Shin Takasawa, Hiroshi Okamoto, Kazuyuki Tobe, Masakiyo Sasahara** 38
- TZDs reduce mitochondrial ROS production and enhance mitochondrial biogenesis **Kazuo Fujisawa, Takeshi Nishikawa, Daisuke Kukidome, Koujirou Imoto, Takeshi Yamashiro, Hiroyuki Motoshima, Takeshi Matsumura, Eiichi Araki** 43
- Increased *NPC1L1* and *ACAT2* expression in the jejunal mucosa from Chinese gallstone patients **Zhao-Yan Jiang, Chong-Yi Jiang, Lei Wang, Jian-Cheng Wang, Sheng-Dao Zhang, Curt Einarsson, Mats Eriksson, Tian-Quan Han, Paolo Parini, Gösta Eggertsen** 49

Formation of pre β 1-HDL during lipolysis of triglyceride-rich lipoprotein	Osamu Miyazaki, Isamu Fukamachi, Atsuo Mori, Hideyuki Hashimoto, Masa-aki Kawashiri, Atsushi Nohara, Tohru Noguchi, Akihiro Inazu, Masakazu Yamagishi, Hiroshi Mabuchi, Junji Kobayashi	55
Involvement of NHERF1 in apical membrane localization of MRP4 in polarized kidney cells	Md. Tozammel Hoque, Gwenaëlle Conseil, Susan P.C. Cole	60
AMPA receptor trafficking in the dorsal striatum is critical for behavioral sensitization to cocaine in juvenile mice	Myonghwan Kim, Eunkyu Au, Rachael Neve, Bong-June Yoon	65
Force-induced unfolding of human telomeric G-quadruplex: A steered molecular dynamics simulation study	Hui Li, En-hua Cao, Thomas Gisler	70
Structural basis for the broad range substrate specificity of a novel mouse cytosolic sulfotransferase—mSULT1D1	Takamasa Teramoto, Yoichi Sakakibara, Ming-Cheh Liu, Masahito Suiko, Makoto Kimura, Yoshimitsu Kakuta	76
α/β hydrolase 1 is upregulated in D5 dopamine receptor knockout mice and reduces O ₂ ⁻ production of NADPH oxidase	Miriam Stoelting, Marcel Geyer, Stefan Reuter, Rudolf Reichelt, Martin Johannes Bek, Hermann Pavenstädt	81
Epigenetic inactivation of <i>SLIT2</i> in human hepatocellular carcinomas	Jie Jin, Haiyan You, Bin Yu, Yun Deng, Ning Tang, Genfu Yao, Huiqun Shu, Shengli Yang, Wenxin Qin	86
Crystal structure of human adenylate kinase 4 (L171P) suggests the role of hinge region in protein domain motion	Rujuan Liu, Hang Xu, Zhiyi Wei, Yanli Wang, Yajing Lin, Weimin Gong	92
The Krüppel-like factor KLF15 inhibits transcription of the adrenomedullin gene in adipocytes	Tomoki Nagare, Hiroshi Sakaue, Mototsugu Takashima, Kazuhiro Takahashi, Hideyuki Gomi, Yasushi Matsuki, Eijiro Watanabe, Ryuji Hiramatsu, Wataru Ogawa, Masato Kasuga	98
Inhibition of PI3K by ZSTK474 suppressed tumor growth not via apoptosis but G ₀ /G ₁ arrest	Shingo Dan, Hisashi Yoshimi, Mutsumi Okamura, Yumiko Mukai, Takao Yamori	104
A new rapid and comprehensive peptidome analysis by one-step direct transfer technology for 1-D electrophoresis/MALDI mass spectrometry	Kenji Tanaka, Nao Tsugawa, Young-Ok Kim, Nobuya Sanuki, Ushio Takeda, Lyang-Ja Lee	110
Cyclosporin-A potently induces highly cardiogenic progenitors from embryonic stem cells	Peishi Yan, Atsushi Nagasawa, Hideki Uosaki, Akihiro Sugimoto, Kohei Yamamizu, Mizue Teranishi, Hiroyuki Matsuda, Satoshi Matsuoka, Tadashi Ikeda, Masashi Komeda, Ryuzo Sakata, Jun K. Yamashita	115
Induction of STAP-1 promotes neurotoxic activation of microglia	Katharina Stoecker, Karin Weigelt, Stefanie Ebert, Marcus Karlstetter, Yana Walczak, Thomas Langmann	121
Efficient osteoblast differentiation from mouse bone marrow stromal cells with polylysine-modified adenovirus vectors	Katsuhisa Tashiro, Asami Kondo, Kenji Kawabata, Haruna Sakurai, Fuminori Sakurai, Koichi Yamanishi, Takao Hayakawa, Hiroyuki Mizuguchi	127
Differential regulation of proteins and phosphoproteins in rice under drought stress	Yueqin Ke, Guoqiang Han, Huaqin He, Jiaxu Li	133
Insight into estrogenicity of phytoestrogens using <i>in silico</i> simulation	Hajime Sugiyama, Takuya Kumamoto, Akiko Sukanami, Waka Nakanishi, Yoshihiro Sowa, Masaki Takiguchi, Tsutomu Ishikawa, Yutaka Tamura	139
Bim is reversibly phosphorylated but plays a limited role in paclitaxel cytotoxicity of breast cancer cell lines	Matt Czernick, Aja Rieger, Ing Swie Goping	145
Phosphorylation of cyclin-dependent kinase 2 peptides enhances metal binding	Graham S. Baldwin	151

Continued

Detection and chromatographic removal of lipopoly-
saccharide in preparations of multifunctional galectins

**Kerstin Sarter, Sabine André, Herbert Kaltner,
Martin Lensch, Connie Schulze, Vilma Urbonaviciute,
Georg Schett, Martin Herrmann, Hans-Joachim Gabius**

155

Covalent conjugation of Groucho with SUMO-1 modulates
its corepressor activity

Jang-Won Ahn, Yun-Ah Lee, Jin-Hyun Ahn, Cheol Yong Choi

160

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

BBRC has no page charges