ACTA PHYSIOLOGICA SINICA
Vol. 60, No. 1, February 25, 2008
(Continuing The Chinese Journal of Physiology Founded in 1927)

CONTENTS

RESEARCH PAPERS
Expression pattern of E2F6 in physical and chemical hypoxia-induced apoptosis .......................................................... SHU Bo, YANG Wei-Wei, YANG Huang-Tian (1)
Effects of diazoxide on Fas/FasL protein expressions in rat myocardium suffered from long-term hypothermic preservation .... FAN Ying, ZHENG Ming-Zhi, GUO Wei, JIANG Jian-Ping, ZHU Li, SHEN Yue-Liang, CHEN Ying-Ying (11)
Ginkgolide B inhibits carotid sinus baroreflex in anesthetized male rats .............................................................. WANG Chun-Yan, WU Yu-Ming, XIAO Lin, XUE Hong-Mei, WANG Ru, WANG Fu-Wei, HE Rui-Rong (17)
Protective effects of 11,12-epoxyeicosatrienoic acid preconditioning and postconditioning on myocardial ischemia/ reperfusion injury in rats ............................................................. WANG Yan-Xia, LU Ling-Qiao, WANG Xiao-Yan, MU Jing, ZENG Xiang-Jun, ZHANG Li-Ke, TANG Chao-Shu, HAO Gang (23)
Calreticulin upregulation induced by hypoxic preconditioning relieves oxidative stress injury in rat cardiomyocytes .......................................................... XU Fei-Fei, LIU Xiu-Hua, ZHU Xiao-Mei (29)
Activation of δ-opioid receptors inhibits L-type Ca\(^{2+}\) current and transient outward K\(^{+}\) current in rat ventricular myocytes ............................................... LIN Yuan-Yuan, WU Dong-Mei, LIU Lei, LIU Qing-Hua, YAN Zhe-Yi, WU Bo-Wei (38)
Expressions of atherosclerosis-related genes in aorta in young apoE/LDLR double knockout mice .. DAI Xue-Dong, YIN Miao, JING Wen, DU Hui-Qin, YE Hong-Yan, SHANG Yan-Ju, ZHANG Liang, ZOU Yan-Yan, QU Zhi-Ping, PAN Jie (43)
Differential expressions of lipid metabolism related genes in the liver of young apoE knockout mice .. YE Hong-Yan, YIN Miao, SHANG Yan-Ju, DAI Xue-Dong, ZHANG Sheng-Qiang, JING Wen, DU Hui-Qin, ZHANG Liang, PAN Jie (51)
Effects of palmitic acid on activity of uncoupling proteins and proton leak in in vitro cerebral mitochondria from the rats exposed to simulated high altitude hypoxia ................................................. XU Yu, LIU Jun-Ze, XIA Chen (59)

PLC-IP\(_3\) signaling pathway .................................................................................................................................................
........................................ LI Peng-Yan, ZENG Xiao-Rong, YANG Yan, CAI Fang, LI Miao-Ling, LIU Zhi-Fei, PEI Jie, ZHOU Wen (65)
Spectral analysis of blood pressure signal in conscious rats released from simulated microgravity .............................................. CHENG Jiu-Hua, WANG Shou-Yan, ZHANG Li-Fan, LIU Xin, LIU Yang, MA Jin (74)
Kinetics of hemoglobin carrying and releasing oxygen .............................................................................................................
.................................................................................. JIANG Chuan, WANG Xiang, GAO Wei, PENG Wei-Yan, XIE Jia-Xing, LI Yao-Jin (83)
Effect of Huoxiang-zhengqi liquid on HCO\(_3^-\) secretion by intact porcine distal airway epithelium .................................................... XIE Chen, WANG Xiao-Fei, QI Xiu-Juan, LU Li-Li, CHAN Hsiao-Chang (90)
c-erbB, and c-myb induce oocyte maturation via activation of mitogen-activated protein kinase and maturation promoting factor ........................................ ZHENG Yue-Hui, ZHENG Li-Ping, LI Fang, WU Lei, DAI Yu-Cheng (97)
Location and role of protein kinase Cα in parthenogenetic and tetraploid preimplantation embryonic development in mouse .................................................................................................................. CHEN Yu-Jun, SHEN Jing-Ling, FENG Xiu-Qing, SHAN Zhi-Yan, YAN Xiao-Fei, DONG Jian-Jiang, ZHONG Shu-Qi, LEI Lei (105)