

CONTENTS

Review article

Does the enriched environment alter memory capacity in malnourished rats by modulating BDNF expression?
(WALESKA MARIA ALMEIDA BARROS, MATHEUS SANTOS DE SOUSA FERNANDES, ROBERTA KARLIZE PEREIRA SILVA, KAROLLAINY GOMES DA SILVA, ANA PATRÍCIA DA SILVA SOUZA, MARILUCE RODRIGUES MARQUES SILVA, ANA BEATRIZ JANUÁRIO DA SILVA, GABRIELA CARVALHO JUREMA SANTOS, MARIA EDUARDA RODRIGUES ALVES DOS SANTOS, TACIANE SILVA DO CARMO, SANDRA LOPES DE SOUZA, VIVIANE DE OLIVEIRA NOGUEIRA SOUZA) 125

Original research articles

Acute effect of spinal cord stimulation on autonomic nervous system function in patients with heart failure
(JAN NAAR, DEBORAH JAYE, PETR NEUŽIL, PETR DOŠKÁŘ, FILIP MÁLEK, BENGT LINDEROTH, GÖRAN LIND, MARCUS STÅHLBERG) 133

Protective effect of sinomenine on isoproterenol-induced cardiac hypertrophy in mice
(LE LI, PU FANG, JIEKUN CHEN, CAILING ZHANG, HOUQUAN TAO) 142

Effect of the natural flavonoids myricetin and dihydromyricetin on the wound healing process *in vitro*
(RENÁTA SKLENÁŘOVÁ, MARIKA SVRČKOVÁ, PETR HODEK, JITKA ULRICHOVÁ, JANA FRANKOVÁ) 149

A-769662 stimulates the differentiation of bone marrowderived mesenchymal stem cells into osteoblasts via AMP-activated protein kinase-dependent mechanism
(BASEM M. ABDALLAH, ABDULLAH M. ALZahrani) 159

Protective effects of *Dialium guineense* pulp on aspirininduced gastric mucosal injury in albino rats
(NWOGO AJUKA OBASI, CHINYERE ALOKE, STELLA EBERECHUKWU OBASI, CHINEDU OGBONNIA EGWU, ADEMOLA CLEMENT FAMUREWA, PATIENCE NKEMJIKA OGBU) 170