

CONTENTS

Volume 12 Number 4 November 2014

Editorial

- 191 Oxime treatment for organophosphorus compound exposure: Getting it (into the brain) might not be that good for you, after all
GEORG A. PETROIANU

Review article

- 193 Cardioprotective effects of moderate red wine consumption: Polyphenols vs. ethanol
MARCELLO IRITI and ELENA M. VARONI

Original articles

- 203 Indoxyl sulfate stimulates oxidized LDL uptake through up-regulation of CD36 expression in THP-1 macrophages
LONGXING CAO, QIANG FU, BING HUI WANG, WEN JIN and ZHILIANG LI
- 211 A comparison of cholinesterase inhibitors in the treatment of quinuclidinyl benzilate-induced behavioural deficit in rats performing the multiple T-maze
JAN MISIK and JIRI KASSA
- 219 *Scutia buxifolia* Reiss inhibit platelet aggregation and alters the activities of enzymes that hydrolyze adenine nucleotides in lymphocytes and platelets
ALINE AUGUSTI BOLIGON, VICTOR CAMERA PIMENTEL, MARIANA PIANA, DANIELA ZANINI, ROBERTA SCHMATZ, MARGARETE DULCE BAGATINI, MARGARETH LINDE ATHAYDE, VERA MARIA MORSCH and MARIA ROSA CHITOLINA SCHETINGERA
- 229 Parallelism of circadian rhythmicity of salivary and serum cortisol concentration in normal dogs
CLAUDIA GIANNETTO, FRANCESCO FAZIO, ANNA ASSENZA, DANIELA ALBERGHINA, MICHELE PANZERA and GIUSEPPE PICCIONE
- 235 Limited protective properties of thymol and thyme oil on differentiated PC12 cells with downregulated Mgst1
MONIKA SOBCZAK, DANUTA KALEMBA, BOZENA FERENC and LUDMILA ZYLINSKA
- 245 Synthesis, antimicrobial activity and physico-chemical properties of some n-alkyldimethylbenzylammonium halides
SALOMÉ EL HAGE, BARBORA LAJOIE, JEAN-LUC STIGLIANI, AURÉLIE FURIGA-CHUSSEAU, CHRISTINE ROQUES and GENEVIÈVE BAZIARD
- 255 Visfatin/pre-B cell colony-enhancing factor immunohistochemical overexpression in oral cancers
LI-WEN LIN, YUNG-CHUAN LU, CHAO-PING WANG, CHIA-CHANG HSU, LI-FEN LU, MING-CHE HSIN, I-TING TSAI, FU-MEI CHUNG, JER-YIING HOUNG, YAU-JIUNN LEE and CHIH-YU CHEN
- 263 Expressions of P-glycoprotein in treatment - Resistant *Helicobacter pylori* patients
MARHANIS OMAR, ANDREW CROWE, CHIN YEN TAY and JEFFERY HUGHES
- 271 Circadian gene expression in peripheral blood of *Bos taurus* under different experimental condition
GIUSEPPE PICCIONE, VINCENZA CANNELLA, VINCENZO MONTEVERDE, CRISTIANO BERTOLUCCI, ELENA FRIGATO, FULVIO CONGIU and ANNALISA GUERCIO
- 277 Avidity of anticardiolipin antibodies—A factor that could be important for their detection by ELISA methods
LENKA FIALOVÁ, IVAN MALBOHAN and KARIN MALÍČKOVÁ
- 285 Low molecular weight precursor applicable for Alzheimer disease drugs synthesis (AChE and BChE inhibition, BACE inhibition, antioxidant properties and *in silico* modulation)
LUCIE DRTINOVA, PETR DOBES and MIROSLAV POHANKA
- 291 Possible hepatocellular toxicity of EGCG under the influence of an inflammagen
IBRAHIM G. SALEH, ZULFIQAR ALI, NAOHITO ABE, FARID M. HAMADA, MOHAMED F. ABD-ELLAH, LARRY A. WALKER, IKHLAS A. KHAN and MOHAMMAD K. ASHFAQ
- 301 Diethyldithiocarbamate complexes with metals used as food supplements show different effects in cancer cells
JINDRICH SEDLACEK, LUISA M.D.R.S. MARTINS, PETR DANEK, ARMANDO J.L. POMBEIRO and BORIS CVEK
- 309 Acute methanol poisonings: Folate administration and visual sequelae
SERGEY ZAKHAROV, OLGA NURIEVA, TOMAS NAVRATIL, PAVEL DIBLIK, PAVEL KUTHAN and DANIELA PELCLOVA