

CONTENTS

Review article

- Selected widely prescribed pharmaceuticals: toxicity of the drugs and the products of their photochemical degradation to aquatic organisms
(ŠÁRKA KLEMENTOVÁ, MARTINA PONCAROVÁ)..... 1

Original research articles

- Prenatal exposure to polycyclic aromatic hydrocarbons and growth parameters
(RADIM J. ŠRÁM, IVO SOLANSKÝ, ANNA PASTORKOVÁ, MILOŠ VELEMÍNSKÝ, JR., MILOŠ VELEMÍNSKÝ,
KATEŘINA HOŇKOVÁ, HANA BAROŠOVÁ, JANA SCHMUCZEROVÁ, KATEŘINA URBANCOVÁ, DARINA DVOŘÁKOVÁ,
JANA PULKRABOVÁ) 12
- Dictyophora indusiata* polysaccharide mediates priming of the NLRP3 inflammasome activation
via TLR4/ NF- κ B signaling pathway to exert immunostimulatory effects
(YOUYI LIU, HUANXIAO ZHANG, YUXUAN LI, HANQIAN ZHA, YUJIE GAO, HUI CHEN, YALIN WANG,
TONGXIN ZHOU, CHAO DENG) 23
- Anti-inflammatory effect of luteoloside against methylglyoxal induced human dental pulp cells
(JI-EUN KIM, PRADHAN PARAS MAN, SUNGIL JANG, HO-KEUN YI) 33
- Endoplasmic reticulum stress-related protein GRP78 and CHOP levels in synovial fluid correlate
with disease progression of primary knee osteoarthritis: A cross-sectional study
(DAN-DAN LIU, YUAN-CHUANG ZHAO, HAI-HONG LI, LIAN-JUN YIN, JUN-QI CHEN, GANG LIU) 40
- Amelioration of obesity induction by a high-fat diet and related inflammation by Phasa fish (*Setipinna phasa*)
oil in BALB/c mice
(TITLI PANCHALI, ANANYA DUTTA, PIPIKA DAS, AMINA KHATUN, RIYA KAR, SUBHADEEP MONDAL,
KESHAB CHANDRA MONDAL, SUDIPTA CHAKRABARTI, KUNTAL GHOSH, SHRABANI PRADHAN) 49
- Rapid triage and transfer system for patients with proven Covid-19 at emergency department
(MARTIN JAKL, JANA BERKOVÁ, TOMÁŠ VELETA, VLADIMÍR PALIČKA, PETRA POLCAROVÁ, JAN SMETANA,
PETR GREJAR, MARTINA ČERMÁKOVÁ, JAN VANĚK, JAN M. HORÁČEK, JAROMÍR KOČÍ) 59