

CONTENTS

Original research articles

Does vanillic acid affect fracture healing? An experimental study in a rat model of femur fracture (AHMET YURTERİ, NUMAN MERCAN, MEHMET KILIÇ, MURAT ÇELİK, FATIH DOĞAR, AHMET YILDIRIM)	67
Myo-inositol rescued insulin resistance and dyslipidemia in db/db mice (LINGZHI LONG, QI HUANG, TAO SONG, ZHIJIE DAI)	74
The impact of obesity, age, and gender on plasmatic levels of selected glycoprotein biomarkers and miRNA-499 in OSA patients (TOMÁŠ KOSTLIVÝ, MARTIN PEŠTA, JINDRA WINDRICHOVÁ, PETR ŠKOPEK, PAVEL KLAIL, ALENA SKÁLOVÁ, BŘETISLAV GÁL, RADEK KUČERA, KRISTA PLICKOVÁ, VÁCLAV ŠIMÁNEK, DAVID SLOUKA)	81
Possible relationship between respiratory diseases and urinary concentrations of polycyclic aromatic hydrocarbon metabolites – a pilot study (VERONIKA GOMERSALL, KATEŘINA CIGLOVÁ, HANA BAROŠOVÁ, KATEŘINA HOŇKOVÁ, IVO SOLANSKÝ, ANNA PASTORKOVÁ, RADIM J. ŠRÁM, JANA SCHMUCZEROVÁ, JANA PULKRABOVÁ).....	89
Resveratrol alleviates endoplasmic reticulum stress-induced cell death and improves functional prognosis after traumatic brain injury in mice (QINGHUA CAO, LEI GU, LIANGZHU WANG, GUANGLING SUN, TAO YING, HANG SU, WEI WANG, ZHEZHE SUN).....	99
Ethyl pyruvate attenuates cellular adhesion and proliferation of diffuse large B-cell lymphoma by targeting c-Jun (ZHIMIN YAN, QIONG ZHONG, LING YAN, WENHONG LAI, XI XU).....	107
RT-qPCR investigation of <i>post-mortem</i> tissues during COVID-19 (ZHANNA BERDYGULOVA, ELINA MALTSEVA, YULIYA PERFILYЕVA, ANNA NIZKORODOVA, ANDREY ZHIGAILOV, DINARA NAIZABAYEVA, YEKATERINA O. OSTAPCHUK, SALTANAT KUATBEKOVA, ZHANIYA DOSMAGAMBET, MOLDIR KUATBEK, AKERKE BISSENBAY, ALENA CHERUSHEVA, AKZHIGIT MASHZHAN, NURSHAT ABDOLLA, SANZHAR ASHIMBEKOV, GULNARA ISMAGULOVA, ANDREY DMITROVSKIY, SEIDIGAPBAR MAMADALIYEV, YURIY SKIBA)	115