

Editorials

T.C. Theoharides and M. Kavalioti. Stress, inflammation and natural treatments .....	1345
M. Zuccarini, M. Carluccio, S. Ziberi, P. Giuliani, S. Buccella, C. Conti, R. Ciccarelli and P. Di Iorio. Does the purinergic system affect extracellular matrix functions in the central nervous system? .....	1349
G. Varvara, L. Tettamanti, C.E. Gallenga, Al. Caraffa, C. D'Ovidio, F. Mastrangelo, G. Ronconi, S.K. Kritas and P. Conti. Stimulated mast cells release inflammatory cytokines: potential suppression and therapeutical aspects .....	1355

Original articles

Y. Gong, J. Yang, F. Liu, Z.I. Li, R. Gong and T. Wei. Cyclin-dependent kinase 7 is a potential therapeutic target in papillary thyroid carcinoma .....	1361
A. Panic, J. Stanimirovic, M. Obradovic, S. Zafirovic, E. Sudar-Milovanovic, N. Petrovic and E.R. Isenovic. 17 $\beta$ -estradiol inhibits hepatic iNOS via the activation of the estrogen receptor ER- $\alpha$ and inhibition of ERK1/2-miR-221 axis .....	1369
HW. Liu, Y. Meng, J. Zhang, YB. Ren, YC. Li, Y. Wang and JJ. Wang. Role and influence of P75 Ntr receptor on antioxidative damage of retinal pigment epithelial cells .....	1379
LH. Zhong, LY. Zhu, YY. Zhao, W. Wang, BL. Lu, Y. Wang, Y. Cheng and YJ. Ma. Apoptosis of hepatocarcinoma cells HepG <sub>2</sub> induced by <i>Huaier</i> extract through regulation of HBx and CEACAM1 gene expression .....	1389
GD. Yao, YY. Niu, KX. Chen, HX. Meng, HT. Song, ZN. Tian, JS. Geng and MY. Feng. SOX2 gene expression and its role in triple negative breast cancer tissues .....	1399
S. Esin, M. Pasini, M. Miceli, G. Cosseddu, M.R. Giuca and G. Batoni. Longitudinal study on the effect of oral hygiene measures on the salivary count of microbial species with cariogenic potential .....	1407
L. Laghi, P. Mastromarino, W. Elisei, D. Capobianco, C.-L. Zhu, M. Picchio, G. Giorgetti, G. Brandimarte and A. Tursi. Impact of treatments on fecal microbiota and fecal metabolome in symptomatic uncomplicated diverticular disease of the colon: a pilot study .....	1421
A. Migliore, B. Frediani, G. Gigliucci, S.E. Anichini, M. Cassol, S. Crimaldi, O. De Lucia, G. Iolascon and C. Foti. One-year follow-up showing effects of single intra-articular injection of hyaluronic acid (1,500-2,000 kDa) in symptomatic knee osteoarthritis .....	1433

Letters to the Editor

YM. Geng, JT. Xue, JP. Su and HY. Li. Molecular mechanism of action of valproate acid alone or in combination with chlorpromazine in the epigenetic regulation of schizophrenia .....	1443
Y. Zhang, S. Zhang and X. Chen. Tanshinone IIA protects against cardiac fibrosis through inhibition of $\beta$ -tubulin expression .....	1451
M.M. Ali, M.A. Ihsan, H. Zafar, Q.A. Rauf and M.K. Akhtar. Brassinosteroid biosynthesis, stress resistance in plants, and application of brassinosteroids in plant biotechnology .....	1457
S. Wu, Z. Meng and Y. Zhang. Correlation between rheumatoid arthritis and immunological changes in a rheumatoid arthritis rat model .....	1461
F. Ning, Q. Zhou and X. Chen. miR-200b promotes cell proliferation and invasion in T-cell acute lymphoblastic leukemia through NOTCH1 .....	1467
S. Kamel, M. Ibrahim, E.T. Awad, H.M.A. El-Hindi and S.A. Abdel-Aziz. Differential expression of CYP2J2 gene and protein in <i>Camelus dromedarius</i> .....	1473
M. Romerowicz-Misielak, A. Kozirowska, O. Kusak, A. Górkka, D. Broda, E.M. Waszkiewicz and M. Kozirowski. Carbon monoxide modulates melatonin synthesis in porcine pineal cells <i>in vitro</i> : a preliminary study .....	1479
F. Xue, C. Liu and S. Wang. Influence of serum HMGB1 level on the incidence of respiratory distress syndrome in neonates .....	1485
S. Xu and E. Guo. Effect of propranolol on proliferation and apoptosis of hemangioma endothelial cells in infants and young children .....	1491
V.P. Ničković, T. Novaković, Z.M. Petković-Mirković, J.B. Živković, A. Andrejević, L.A. Andrejević, D. Sokolović and D.T. Sokolović. Supplementation with L-arginine affects its metabolizing pathways in rat liver subjected to bile duct ligation .....	1499
S. Chi, JL. Liu HC. Kang and DM. Lv. Continuous nursing intervention on recovery of diabetic patients .....	1507
G. Kalasidou, I. Frydas, A. Kozei, P. Syrmakesi, E. Loukovitis, K. Sfakianakis, M. Balidis, Z. Zachariadis, P. Tranos, N. Kozeis and G. Anogianakis. Contributions of VSX1 gene to keratoconus .....	1515
A. Bryja, M. Jankowski, M. Dyszkiewicz-Konwińska, H. Piotrowska-Kempisty, P. Antosik, D. Bukowska, M. Bruska, M. Nowicki and B. Kempisty. The p75 neurotrophin receptor in cells of oral mucosal epithelium .....	1519
B. Wang, Z. Zhang, J. Tang, H. Tao and Z. Zhang. Correlation between SPARC, TGF $\beta$ 1, endoglin and angiogenesis mechanism in lung cancer .....	1525
J.M. Yang, J.T. Yao, J.Y. Zhang, Y. Wang, X. Sun, K.K. Wang and Y. Tian. Comparative assessment of atherosclerosis of rabbit femoral artery by duplex ultrasound scanning, optical coherence tomography and fractional flow reserve .....	1533
BF. Gao, ZC. Shen, WS. Bian, SX. Wu, ZX. Kang and Y. Gao. Correlation of hypertension and F2RL3 gene methylation with prognosis of coronary heart disease .....	1539
I. Irshad, A. Aslam, M.Y. Tipu, K. Ashraf, B. Zahid and A. Irshad. Efficacy of commercial vaccines against the prevalent strains of Newcastle disease and avian influenza (H9N2) infections in broilers in Pakistan .....	1545
Z. Akbar, T. Zahoor, N. Huma, A. Jamil, H. Ayesha and J.M. Kumar Irudayaraj. Electrospun probiotics: an alternative for encapsulation .....	1551
V. Cosentino, A. Militello and G. Lauria. Short-term effects of a dietary supplement on lower urinary tract symptoms .....	1557
R. Rauso, G. Tartaro, L. Califano, L. Rugge, F. Chirico and G. Colella. Pedicled palatal flap for surgical repair of oro-nasal fistula .....	1565
A.M. Nucci, A. Del Chiaro, F. Addevico, A. Raspanti and A. Poggetti. Percutaneous headless screws and wide-awake anesthesia to fix metacarpal and phalangeal fractures: outcomes of the first 56 cases .....	1569
G.M. Giorgetti, P. de Toma, E. Di Pietro, Y.M. Khazrai, F. Fabiocchi, M.C. Trotta, E. Mirante, P. Barletta, E. Castaldo, W. Elisei, M. Picchio and A. Tursi. Assessment of nutritional status and therapy in emergency medicine settings .....	1573
A. Pacifici, A. Polimeni and L. Pacifici. Additive manufacturing and biomimetic materials in oral and maxillofacial surgery: a topical overview .....	1579
L. Generali, F. Cavani, E. Righi, A. Murri Dello Diago, E. Spinas and L. Giannetti. Effect of self-adjusting file and WaveOne reciprocating file on the filling ability of oval-shaped canals with thermoplasticized gutta-percha .....	1583
A. Scarano, G. Murmura, F. Mastrangelo, F. Lorusso, A. Greco Lucchina and F. Carinci. A novel technique to prevent sinus membrane collapse during maxillary sinus floor augmentation without bone graft: technical note .....	1589
S. Cantore, A. Ballini, R. Saini, D. De Vito, V. Altini, S.R. Saini, T. Pustina-Krasniqi, E. Xhajanka, C. Gargiulo Isacco, G. Dipalma and F. Inchingolo. Efficacy of a combined sea salt-based oral rinse with xylitol against dental plaque, gingivitis, and salivary <i>Streptococcus mutans</i> load .....	1593
T. Granato, E. Anastasi, V. Viggiani, F. Occhuzzi, A. Angeloni, R. Gradini and M. Suppa. Serum 25-hydroxy vitamin D levels in essential hypertension .....	1599
M. Zanna, M. Mascitti, E. Coccia, L. Lo Muzio and A. Santarelli. Spider Zygoma: a new implant rehabilitation technique for atrophic maxilla .....	1605