Contents

Volume 70 Issue 5 | JIM June 2022

Editorials
1209 Reflections on my presidency of American Federation of Medical Research (AFMR) S U Das
1210 New agents for sickle cell disease: patient perceptions of benefit in the real world R T Almeida

Reviews
1212 Exosome as a target for cancer treatment S Nafar, N Nouri, M Alipour, F Fallahi, F Zare, S M B Tabrizi
1219 Efficacy and safety of intranasal dexmedetomidine versus oral chloral hydrate as sedatives for pediatric patients: a systematic review and meta-analysis J Wang, Y Li, S Xiao, B Shi, Z Xia, C Huang, H Xu, N Li, W Tang

Original research
1225 Cardiac safety and clinical efficacy of high-dose ramipril for long-term treatment of gastroparesis symptoms K Woods, M Gajendran, Z Gonzalez, M Bustamante-Bernal, I Saroieek, E Espino, N Waterhouse, T Siddiqui, R McCallum
1233 Interleukin-10 attenuates renal injury after myocardial infarction in diabetes X Fan, X Zhang, L C Liu, A Y Kim, S P Carley, X Chen, L D Dworkin, C J Cooper, R Gupta
1243 Risk and protective factors for severe COVID-19 infection in a cohort of patients with sickle cell disease J Cui, A Chen-Goodspeed, M Idowu
1247 Area under the respiratory flow-volume curve: normative values in the National Health and Nutrition Survey (NHANES) study O C Iachimescu, K McCarthy, J K Stoller
1265 Anti-apoptosis effects of codonolactone on cerebral ischemia-reperfusion injury F Chen, W Lin
1273 Efficacy and safety of endovascular therapy versus surgical clipping for patients with unruptured middle cerebral artery bifurcation aneurysms J Luo, C Wang, Y Dai, X Chen, X Tian, Y Lin, X Qu

1280 Bleeding ectopic varices: clinical presentation, natural history, and outcomes K A Broussard, D C Rockey
1285 Stem bark of Fraxinus rhynchophylla ameliorates the severity of pancreatic fibrosis by regulating the TGF-β/Smad signaling pathway J-W Ooh, J Y Shin, Z Zhou, D-U Kim, B Kweon, H Oh, Y-C Kim, H-J Song, G-S Bae, S-J Park
1293 Dual-specificity phosphatase 8 (DUSP8) induces drug resistance in breast cancer by regulating MAPK pathways H Zhang, M Wang, D Chen, C Luo
1301 Roles of LINC01473 and CD74 in osteoblasts in multiple myeloma bone disease F Peng, S Yan, H Liu, Z Liu, F Jiang, P Cao, R Fu
1308 Association of mammographic density and benign breast calcifications individually or combined with hypertension, diabetes, and hypercholesterolemia in women ≥40 years of age: a retrospective study M Al-Motaissien, A Alkhedeiri, O Al-Madani, T Lee, A Flendeir, M Al-Harb

Brief reports
1316 Patient perception of voxelotor treatment benefit in sickle cell disease M Idowu, A Haque, E M Williams, A Siddhar

Miscellaneous
1325 Correction: Cut-off value of serum homocysteine in relation to increase of coronary artery calcification