

#### Tzu Chi Medical Journal



journal homepage:www.tcmjmed.com

# **Contents Index**

## Volume 33 Number 1 March 2021

- 1 Modulation of microglia activation and Alzheimer's disease: CX3 chemokine ligand 1/CX3CR and P2X7R signaling Pavithra Suresh, Sarayut Phasuk, Ingrid Y. Liu
- 7 Antiviral drugs against severe acute respiratory syndrome coronavirus 2 infection triggering the coronavirus disease-19 pandemic Rashed Noor
- 13 Recurrent urinary tract infection in women and overactive bladder Is there a relationship? *Qian-Sheng Ke, Cheng-Ling Lee, Hann-Chorng Kuo*
- 22 Updates on the diagnosis and management of multicentric Castleman disease *Ya-Ju Wu, Kuei-Ying Su*
- 29 Spinal cord stimulation for spinal cord injury patients with paralysis: To regain walking and dignity Sheng-Tzung Tsai, Yu-Chen Chen, Hung-Yu Cheng, Chun-Hsiang Lin, Huan-Chen Lin, Chich-Haung Yang, Chung-Chao Liang, Shin-Yuan Chen
- 34 Vascular calcification of chronic kidney disease: A brief review Bang-Gee Hsu, Jen-Pi Tsai
- 42 Effects of different electrodes used in bone-guided extracochlear implants on electrical stimulation of auditory nerves in guinea pigs *Chien-Hao Liu, Yung-Shan Lu, Po-Chun Chen, Chia-Fone Lee*
- 49 Prevalence and predictors of low bone mineral density in treatment-naive HIV-infected patients and its correlation with CD4 cell counts Pulin Kumar Gupta, Sanchit Singh, Subodh Kumar Mahto, Ankita Sheoran, Umesh Chand Garga, Ashok Kumar Lal, Piyush Jain, Sujata Elizabeth Mathews
- 55 Androgen deprivation therapy and the risk of subsequent keratitis Dai-Wei Liu, Ren-Jun Hsu, Sheng-Yao Huang, Yen-Hsiang Liao, Chen-Ta Wu, Wen-Lin Hsu
- 61 Multiparametric positron emission tomography/magnetic resonance imaging in nasopharyngeal carcinoma: Correlations between magnetic resonance imaging functional parameters and <sup>18</sup>F-fluorodeoxyglucose positron emission tomography imaging biomarkers and their predictive value for treatment failure *Sheng-Chieh Chan, Shu-Hang Ng, Chih-Hua Yeh, Kai-Ping Chang*
- 70 Postpartum depression burden and associated factors in mothers of infants at an urban primary health center in Delhi, India Saurav Basu, Nidhi Budh, Suneela Garg, Mongjam Meghachandra Singh, Akashdeep Sharma

- 74 Elevated serum leptin levels are associated with low muscle strength and muscle quality in male patients undergoing chronic hemodialysis Bang-Gee Hsu, Chih-Hsien Wang, Yu-Hsien Lai, Chiu-Huang Kuo, Yu-Li Lin
- 80 Vitamin D, C-reactive protein, and oxidative stress markers in chronic obstructive pulmonary disease Sarika Pandey, Rajiv Garg, Surya Kant, Priyanka Gaur
- 87 The workload of obstetric doctors working in different modes at a medical center *I-Min Su, Dah-Ching Ding*
- 91 Noninvasive ventilator prevents intubation in thyrotoxic hypokalemic periodic paralysis-associated respiratory failure: A case report and literature review *Shu-Ya Hung, Wen-Jing Liu, Pei-Chan Wu, Mei-Chen Yang, Yao-Kuang Wu, Chou-Chin Lan*
- 96 Idiopathic intracranial calcification Kalyan Mansukhbhai Shekhda, Paul Tobin, Surendra Kumar Gupta, P. S. Sridhar
- 98 Research publications during public health emergencies *Malcolm Koo*

#### Volume 33 Number 2 June 2021

- 101 Will repeated botulinum toxin A improve detrusor overactivity and bladder compliance in patients with chronic spinal cord injury? Sheng-Fu Chen, Hann-Chorng Kuo
- 108 A review of water exchange and artificial intelligence in improving adenoma detection *Chia-Pei Tang, Paul P. Shao, Yu-Hsi Hsieh, Felix W. Leung*
- 115 Arterial stiffness: A brief review Jen-Pi Tsai, Bang-Gee Hsu
- 122 Chinese herbs and acupuncture to improve cognitive function in Alzheimer's disease Wei WuLi, Horng-Jyh Harn, Tzyy-Wen Chiou, Shinn-Zong Lin
- 128 Effects of vegetarian diet on bone mineral density *Tzyy-Ling Chuang, Chun-Hung Lin, Yuh-Feng Wang*
- 135 Role of diet and lifestyle modification in the management of nonalcoholic fatty liver disease and type 2 diabetes Orsu Prabhakar, Mylipilli Bhuvaneswari
- 146 Reactivity of human antisera to codon optimized SARS-CoV2 viral proteins expressed in *Escherichia coli* Yee-Huan Toh, Yu-Weng Huang, Yo-Chen Chang, Yi-Ting Chen, Ya-Ting Hsu, Guang-Huey Lin
- 154 Diagnostic value of fibroblast growth factor 23 for abdominal aortic calcification in Indonesian hemodialysis patients *Riri Andri Muzasti, Netty Delvrita Lubis*
- 160 The diagnostic and prognostic utility of insulin growth factor of squamous cell carcinoma in oral cavity Sumit Kumar Tiwari, Shakuntala Saini, Pawan Singhal, Ashwin Mathur, Maheep Sinha
- 165 Allergen detection and analysis in Eastern Taiwan area Chia-Jung Chen, Yu-Hsien Liu, Teng-Yi Lin, Rong-Hwa Jan
- 169 Risk factors of admission in 72-h return visits to emergency department *Sung-Wei Liu*

- 175 Embryological considerations and evaluation of congenital anomalies of craniovertebral junction: A single-center experience *Reddy Ravikanth, Pooja Majumdar*
- 181 Selection of the optimal dosage of tranexamic acid to reduce blood loss during pediatric cleft palate surgery Amir Shafa, Hamidreza Shetabi, Lili Adineh-Mehr, Keivan Bahrami
- 188 Gender differences in the association between social support and caregiver alcohol use in posttraumatic stress disorder of east Taiwan adolescents *Ching-Yi Kao, Tyler Bradshaw, Theodoris Mazarakis*
- 195 Mucoid impaction mimicking multiple metastatic lung cancer Yi-Chih Huang, Hsu-Chao Chang, Yi-Hsin Lee, Mei-Chen Yang
- 198 Hyalinizing trabecular tumor, a rare histologically unique tumor of the thyroid, coexisting with papillary thyroid carcinoma *Chiu-Hsuan Cheng*
- 200 Acute syphilitic posterior placoid chorioretinopathy with typical placoid edge in a Taiwanese male *Ping-Feng Tsai, Chi-Ting Horng, Ming-Ling Tsai*

### Volume 33 Number 3 September 2021

- 203 Interleukin-10: A double-edged sword in breast cancer Chun-Ming Chang, Ho Yin Pekkle Lam, Hao-Jen Hsu, Shinn-Jong Jiang
- 212 The molecular etiology and treatment of glucocorticoid-induced osteoporosis Cheng-Huan Peng, Wen-Ying Lin, Kuang-Ting Yeh, Ing-Ho Chen, Wen-Tien Wu, Ming-Der Lin
- 224 Current advances of targeting epigenetic modifications in neuroendocrine prostate cancer Wen-Chi Cheng, Hung-Jung Wang
- 233 Sudden onset of olfactory and gustatory dysfunctions in coronavirus disease 2019 (COVID-19) is momentous marker *Himani Tiwari Chaturvedi, Chandrashekher Chaturvedi*
- 238 Stroke and diets A review Chin-Lon Lin
- 243 Current treatment concepts for osteochondral lesions of the talus *Chen-Chie Wang, Kai-Chiang Yang, Ing-Ho Chen*
- 250 Dual targeting of TAM receptors Tyro3, Axl, and MerTK: Role in tumors and the tumor immune microenvironment *Kai-Hung Wang, Dah-Ching Ding*
- 257 The perspectives of interleukin-10 in the pathogenesis and therapeutics of multiple myeloma *Cheng-Der Liu, Chun-Chun Chang, Wei-Han Huang*
- 263 Anxiolytic effect of minocycline in posttraumatic stress disorder model of Syrian hamsters Panini Shrikant Patankar, Shirish Joshi, Abhishek Mane, P. S. Manjesh, Dhananjay Kokate

- 270 Evaluation of the effect of shift cycle time on chest compression quality during cardiopulmonary resuscitation *Farhad Heydari, Kourosh Eghdami, Majid Zamani, Keihan Golshani, Babak Masoumi*
- 275 Detection rate of breast malignancy of needle localization biopsy of breast microcalcification *Kian-Hwee Chong, Kuo-Feng Huang, Hsiu-Wen Kuo, I-Shiang Tzeng, Jia-Hui Chen*
- 282 Surgical management of abdominal tuberculosis: A prospective single-center study *Mithun Barot, Vipul D. Yagnik, Kirankumar Patel, Sushil Dawka*
- 288 Evaluating the benefit of adjuvant radiotherapy after extensive lymph node dissection for gastric cancer: a single-institute retrospective study Yu-Nong Wang, Shou-Yi Chang, Jing-Min Hwang, You-Kang Chang, Woei-Yau Kao, Hsiang-Lin Wan I-Shiang Tzeng, Chao-Chuan Wu
- 294 Test-retest reliability of subjective visual vertical measurements with lateral head tilt in virtual reality goggles Chia-Han Wang, Ariel A. Winnick, Yu-Hung Ko, Zheyu Wang, Tzu-Pu Chang
- 301 Role of social capital and self-efficacy as determinants of stress in pregnancy Hajar Pasha, Mahbobeh Faramarzi, Mohammad Chehrazi, Maria Esfandyari, Shiva Shafierizi
- 307 Research trends in trabecular bone score: A bibliometric review from 2008 to 2019 Malcolm Koo, Tzyy-Ling Chuang, Yuh-Feng Wang
- 314 Recurrent Tolosa–Hunt syndrome Phyo-Wai Thu, Yu-Ming Chen, Weng-Ming Liu

#### Volume 33 Number 4 December 2021

- 317 Indocyanine green: An old drug with novel applications *Chia-Hung Lu, Jong-Kai Hsiao*
- 323 The link between abnormalities of calcium handling proteins and catecholaminergic polymorphic ventricular tachycardia *Ding-Jyun Lin, Wen-Sen Lee, Yu-Chung Chien, Tsung-Yu Chen, Kun-Ta Yang*
- 332 Regulation on tumor metastasis by Raf kinase inhibitory protein: New insight with reactive oxygen species signaling *Chi-Tan Hu, Jaya Prakash Mandal, Wen-Sheng Wu*
- 339 Calmodulinopathy in inherited arrhythmia syndromes Wen-Chin Tsai, Peng-Sheng Chen, Michael Rubart
- 345 Ultrastructural changes in the underactive bladder Han-Chen Ho, Yung-Hsiang Hsu, Jia-Fong Jhang, Yuan-Hong Jiang, Hann-Chorng Kuo
- 350 Western and complementary alternative medicine treatment of uremic pruritus: A literature review *Ping-Hsun Lu, Yu-Chih Tai, Min-Chien Yu, I-Hsin Lin, Ko-Lin Kuo*
- 359 Residual hearing preservation for cochlear implantation surgery Chung-Ching Lin, Ting Chiu, Hong-Ping Chiou, Chu-Man Chang, Chuan-Jen Hsu, Hung-Pin Wu
- 365 Retrospective evaluation of the curative effect of traditional Chinese medicine on dry eye disease San-Hua Su, Tsung-Jung Ho, Cheng-Chan Yang

- 370 Two probable human leukocyte antigen haplotypes in association with human leukocyte antigen HLA-DRB1\*13:50:01 identified in 41 randomized unrelated Taiwanese individuals *Nondumiso Ayanda Mazibuko, Kuo-Liang Yang*
- 374 Extreme horseshoe and circumanal anal fistulas-challenges in diagnosis and management Pankaj Garg, Baljit Kaur, Vipul D. Yagnik, Geetha R. Menon
- 380 Effectiveness of individual audio-visual coaching, respiratory modulated stereotactic body radiotherapy for localized hepatocellular carcinoma: Analysis of 29 cases from a single academic radiotherapy center *Liang-Cheng Chen, Hon-Yi Lin, Moon-Sing Lee, Wen-Yen Chiou, Li-Wen Huang, Chia-Hui Chew, Feng-Chun Hsu, Shih-Kai Hung*
- 388 Can preoperative neutrophil-to-lymphocyte ratio predict in-hospital mortality in postoperative patients with Stanford type A aortic dissection? Evidence-based appraisal by meta-analysis and GRADE *Bing-Ru Chung, Yen-Ta Huang, Pei-Chun Lai*
- 395 Correlation between intraoperative mapping and monitoring and functional outcomes following supratentorial glioma surgery Han-Lin Wu, Po-Cheng Hsu, Sanford P. C. Hsu, Chun-Fu Lin, Kwong-Kum Liao, Kai-Ming Yang, Chen-Liang Chou, Tsui-Fen Yang
- 399 Rapid screening for mutations associated with malignant hyperthermia using high-resolution melting curve analysis *I-Min Su, Po-Kai Wang, Chun-Yu Chen, Hsien-Tse Huang, Yuan-Ji Day*
- 406 Evaluation of patient satisfaction and masticatory performance in mandible single implant-assisted overdenture *Swati Kashyap, Sanjeev Mittal, Navneet Sharma, Urvashi Sukhija, Mohit Kamra, Nitika Gupta*
- 412 Perioperative exercise intervention in patients with lung cancer: A systematic literature review of randomized controlled trials *Chun-Hou Huang, Tai-Chu Peng, Yi-Tso Cheng, Yen-Ta Huang, Bee-Song Chang*
- 419 Asymptomatic paraganglioma of urinary bladder Tai-Li Chen, Yuan-Hong Jiang, Yung-Hsiang Hsu