

Tzu Chi Medical Journal

journal homepage:www.tcmjmed.com

Contents Index

Volume 34 Number 1 March 2022

- Nevi, dysplastic nevi, and melanoma: Molecular and immune mechanisms involving the progression Wei-Wen Sung, Chung-Hsing Chang
- The role of Type III secretion system in the pathogenesis of Pseudomonas aeruginosa microbial keratitis

 Justin J. Yang, Kai-Si Claire Tsuei, Elizabeth P. Shen
- 15 Calmodulin: The switch button of calcium signaling Chiu-Fen Yang, Wen-Chin Tsai
- How to choose appropriate medication for overactive bladder: Findings from the largest integrated clinical trial database analysis of mirabegron studies

 Hann-Chorng Kuo
- 29 Acute kidney injury in COVID-19: Considerations in pregnancy Seema Chopra, Arshi Syal, Yajur Arya
- Diagnosis and treatment for normal pressure hydrocephalus: From biomarkers identification to outcome improvement with combination therapy *Pao-Hui Tseng, Li-Kung Wu, Yi-Cheng Wang, Tsung-Jung Ho, Shinn-Zong Lin, Sheng-Tzung Tsai*
- 44 An update of medical care in Marfan syndrome
- 49 Movement-based mind-body interventions for cardiac rehabilitation: An updated systematic review of randomized controlled trials Chun-Hou Huang, Shen-Feng Chao, Yi-Tso Cheng, Pei-Chun Lai, I-Hsin Lin, Tai-Chu Peng
- Early prediction of survival at different time intervals in sepsis patients: A visualized prediction model with nomogram and observation study Shih-Hong Chen, Yi-Chia Wang, Anne Chao, Chih-Min Liu, Ching-Tang Chiu, Ming-Jiuh Wang, Yu-Chang Yeh
- 62 Serum myostatin level is a positive predictor of endothelial function measured by digital thermal monitoring of vascular reactivity in kidney transplantation patients

 Hsiu-Hsien Lin, Ching-Chun Ho, Yen-Cheng Chen, Guan-Jin Ho, Bang-Gee Hsu, Ming-Che Lee
- Risk of urinary tract infection symptoms recurrence in women: A prospective observational study Yi-Sheng Chen, Stephen Shei-Dei Yang, Chun-Chun Yang, Shang-Jen Chang
- Positive correlation of serum angiopoietin-like protein 3 levels with metabolic syndrome in patients with coronary artery disease

 Sy-Harn Lian, Bang-Gee Hsu, Ji-Hung Wang, Ming-Chun Chen
- A cone-beam computed tomography evaluation of bone density for insertion of pterygoid implants in dentulous and edentulous patients

 Pradyumna Kumar Sahoo, Vaibhav Awinashe, Yashika Bali, Nitika Gupta, Anuj Singh Parihar,

 Kyatsandra Narasimhaiah Jagadeesh, Prashant Babaji

- Three-dimensional ultrasound for carotid vessel wall volume measurement Ying-An Chen, Pei-Ya Chen, Shinn-Kuang Lin
- 95 Clinico-hematological profile of pancytopenic adult patients in a tertiary care teaching hospital Anil Jain, Ravinder Garg, Rupinderjeet Kaur, Sarita Nibhoria, Sumit Pal Singh Chawla, Sarabjot Kaur
- The feasibility of Kimny guiding catheter for ST-segment elevation myocardial infarction Sou-Chan Tsai, Michael Yu-Chih Chen, Sing-Kai Chuo, Ji-Hung Wang
- 107 Taoism, bioethics, and the COVID-19 pandemic Liam C. Butchart

Volume 34 Number 2 June 2022

- 113 The potential of using itaconate as treatment for inflammation-related heart diseases Hui-Chen Ku, Ta-Chung Shen, Ching-Feng Cheng
- 119 The roles of sodium-potassium-chloride cotransporter isoform-1 in acute lung injury Po-Chun Hsieh, Yao-Kuang Wu, Chan-Yen Kuo, Yen-Hsien Lee, Mei-Chen Yang, Chou-Chin Lan
- 125 Erythrocyte degradation, metabolism, secretion, and communication with immune cells in the blood during sepsis: A review Chih-Yu Chan, Ching-Feng Cheng, Hao-Ai Shui, Hui-Chen Ku, Wen-Lin Su
- 134 Emerging role of the itaconate-mediated rescue of cellular metabolic stress Der-Shan Sun, Hsin-Hou Chang
- Hepatitis C virus core protein: Not just a nucleocapsid building block, but an immunity and inflammation modulator

 Hemalatha Mani, Jui-Hung Yen, Hao-Jen Hsu, Chun-Chun Chang, Je-Wen Liou
- 148 The prospects of employing probiotics in combating COVID-19

 Moutoshi Chakraborty, Saurab Kishore Munshi
- 160 The role of calmodulin and calmodulin-dependent protein kinases in the pathogenesis of atherosclerosis Mei-Fang Chen
- 169 Epidemiology of atypical parkinsonian syndromes Raymond Y. Lo
- 182 Assessment of uremic sarcopenia in dialysis patients: An update *Yu-Li Lin, Bang-Gee Hsu*
- 192 Melatonin combined with sorafenib synergistically inhibit the invasive ability through targeting metastasis-associated protein 2 expression in human renal cancer cells Chu-Che Lee, Po-Yu Huang, Yi-Hsien Hsieh, Yong-Syuan Chen, Jen-Pi Tsai
- 200 Association of serum osteopontin with first hospitalization and all-cause mortality after kidney transplantation
 Hsiao-Hui Yang, Bang-Gee Hsu, Ching-Chun Ho, Ming-Che Lee
- 207 A randomized controlled trial to compare antibiotic prophylaxis in elective gynecological surgeries: Single dose of cefazolin versus single dose of cefazolin and tinidazole Shivani Garg, Seema Chopra, Shalini Gainder, Rashmi Bagga, Nusrat Shafiq, Neelam Aggarwal

- 214 Aging is associated with slower renal progression in patients with chronic kidney disease Chia-Tse Yeh, Chun-Yu Lin, Ting-Yun Lin, Ching-Hsiu Peng, Yi-Chun Wang, Szu-Chun Hung
- 219 Transarterial chemoembolization with or without sorafenib for hepatocellular carcinoma: A real-world propensity score-matched study

 Tzu-Rong Peng, Ta-Wei Wu, Chao-Chuan Wu, Sou-Yi Chang, Cheng-Yi Chan, Ching-Sheng Hsu
- Psychiatric comorbidity and quality of life in patients with epilepsy on anti-epileptic monotherapy and polytherapy

 Jagriti Yadav, Priti Singh, Surekha Dabla, Rajiv Gupta
- 232 Utilization of hospice and nonhospice care in patients with end-stage renal disease on dialysis Shu-Chen Wang, Kai-Chieh Hu, Wei-Chuan Chang, Chung-Y. Hsu
- 239 Oral health assessment in children aging 8–15 years with bronchial asthma using inhalation medication Vaibhav Bansal, Kolli V.G. Reddy, Sugandh Shrivastava, Sunil Dhaded, Syed Mohammed Noorani, Mohd. Ikram Shaikh
- 245 Acceptability of coronavirus disease 2019 vaccination among Indian health-care professionals: A cross-sectional survey

 Manpreet Arora, Charu Khurana, Pulin Saluja, Aparna Dave
- 251 Letter to the editor concerning: Stroke and diets: A review Maximilian Andreas Storz
- 253 Reply from author for letter to the editor concerning: Stroke and diets: A review Chin-Lon Lin

Volume 34 Number 3 September 2022

- 255 The organoid: A research model for ovarian cancer *Yu-Hsun Chang, Kun-Chi Wu, Tomor Harnod, Dah-Ching Ding*
- 261 Genetics of hyperuricemia and gout: Insights from recent genome-wide association studies and Mendelian randomization studies *Yu-Lin Ko*
- 270 Hematopoietic stem cell mobilization

 Hsin-Hou Chang, Yu-Shan Liou, Der-Shan Sun
- 276 Computer-aided discovery, design, and investigation of COVID-19 therapeutics *Chun-Chun Chang, Hao-Jen Hsu, Tien-Yuan Wu, Je-Wen Liou*
- 287 Pathogenesis evidence from human and animal models of detrusor underactivity Jia-Fong Jhang, Yuan-Hong Jiang, Yung-Hsiang Hsu, Han-Chen Ho, Hann-Chorng Kuo
- 297 Emphysematous pyelonephritis: classification, management, and prognosis Shu-Yu Wu, Stephen Shei-Dei Yang, Shang-Jen Chang, Chun-Kai Hsu
- 303 High-dose dual therapy versus bismuth-containing quadruple therapy for the treatment of Helicobacter pylori infection A review of the strengths, weaknesses, and proposed solutions Chi-Tan Hu
- 310 Berberine protects cardiac cells against ferroptosis

 Kun-Ta Yang, Tung-Hui Chao, I-Chieh Wang, Yu-Po Luo, Pei-Ching Ting, Jian-Hong Lin, Jui-Chih Chang

- 318 Comparing miR-16 and miR-1228 as an optimal endogenous control for quantification of circulating microRNAs in colorectal cancer patients

 Chia-Lin Yang, Fu-Ming Tsai, Chuang-Wei Chen, Kuan-Hong Hsiao, Jia-Hui Chen, Woei-Yau Kao
- 323 Lumbar-peritoneal shunt for idiopathic normal pressure hydrocephalus and secondary normal pressure hydrocephalus Chia-Lin Liao, Pao-Hui Tseng, Hsin-Yi Huang, Tsung-Lang Chiu, Shinn-Zong Lin, Sheng-Tzung Tsai
- 329 Correlation between placental histopathology and perinatal outcome in COVID-19

 Devendra Arora, KS Rajmohan, Sanjay Singh, Vinod Nair, Sanghita Barui, Madhusudan Dey, Abhijeet Kumar
- 337 Sociodemographic, clinical profile, and treatment characteristics of oncology patients developing radiation recall phenomenon: Two tertiary care center's experience of an eternal unpredictable phenomenon of cancer treatment

 Abhishek Purkayastha, Neelam Sharma, Sachin Taneja, Virender Suhaq, Nishant Lohia
- 348 A study on origin, termination, and course characteristics of internal thoracic artery relevant to coronary surgeries and reconstructive procedures

 Gaurav Agnihotri, Anureet Mitra
- 353 Development and validation of a brief version of the traditional Chinese Stressors in Nursing Students scale among college nursing students in Taiwan Shoa-Jen Perng, Roger Watson, Graeme D. Smith, Chen-Jung Chen, Tzu-Ying Lee, Malcolm Koo, Huei-Chuan Sung

Volume 34 Number 4 December 2022

- 359 Role of adipocyte browning in prostate and breast tumor microenvironment Hui-Chen Ku, Ching-Feng Cheng
- 367 Gene therapy in hereditary retinal dystrophy Jia-Ying Chien, Shun-Ping Huang
- 373 Zebrafish models for glucocorticoid-induced osteoporosis
 Wen-Ying Lin, Kameshwara Kumar Dharini, Cheng-Huan Peng, Chung-Yen Lin, Kuang-Ting Yeh,
 Wen-Chih Lee, Ming-Der Lin
- 381 Flow cytometry for evaluating platelet immunophenotyping and function in patients with thrombocytopenia Chih-Lung Shen, Yi-Feng Wu
- Potential urine biomarkers in bladder outlet obstruction-related detrusor underactivity Yuan-Hong Jiang, Jia-Fong Jhang, Yung-Hsiang Hsu, Han-Chen Ho, Hann-Chorng Kuo
- 394 Omega-3 fatty acids for uremic pruritus: A meta-analysis of randomized controlled trials Ping-Hsun Lu, Xiao-Feng Yao, Yang-Sheng Lin, I-Shiang Tzeng, Po-Hsuan Lu, Ko-Lin Kuo
- 402 Current advances in the diagnosis and management of gastroesophageal reflux disease Shu-Wei Liang, Ming-Wun Wong, Chih-Hsun Yi, Tso-Tsai Liu, Wei-Yi Lei, Jui-Sheng Hung, Lin Lin, Benjamin D. Rogers, Chien-Lin Chen
- 409 Phenytoin-associated movement disorder: A literature review Jamir Pitton Rissardo, Ana Letícia Fornari Caprara

- 418 Role of GeneXpert MTB/RIF assay for the diagnosis of cervical lymph node tuberculosis and rifampicin resistance

 Sahjid Mukhida, Chanda R. Vyawahare, Shahzad Beg Mirza, Nageswari R. Gandham, Sameena Khan,
 - Sahjid Mukhida, Chanda H. Vyawahare, Shahzad Beg Mirza, Nageswari H. Gandham, Sameena Khan, Sriram Kannuri, Shalini Bhaumi
- 423 Circulating serum amyloid A levels but not SAA1 variants predict long-term outcomes of angiographically confirmed coronary artery disease

 Kuan-Hung Yeh, Lung-An Hsu, Jyh-Ming Jimmy Juang, Fu-Tien Chiang, Ming-Sheng Teng, I-Shiang Tzeng,
 Semon Wu, Jeng-Feng Lin, Yu-Lin Ko
- 434 Use artificial neural network to recommend the lumbar spinal endoscopic surgical corridor Chien-Min Chen, Pei-Chen Chen, Ying-Chieh Chen, Guan-Chyuan Wang
- 441 Effects of different urodynamic characteristics on therapeutic outcomes of overactive bladder medication in a real-life clinical practice

 Hsiu-Jen Wang, Hann-Chorng Kuo
- 448 Determinants of incomplete vaccination among children 12-23 months in Nigeria: An analysis of a national sample

 Olorunfemi Akinbode Ogundele, Tolulope Ogundele, Funmito Omolola Fehintola, Aderonke Tolulope Fagbemi,

 Omolola O. Beloved, Olugbenga Olusegun Osunmakinwa
- 456 Role of folate metabolizing genes and homocysteine in mothers of Down syndrome children Amandeep Kaur, Anupam Kaur
- 462 Clinical outcomes of benign brain tumors treated with single fraction LINAC-based stereotactic radiosurgery: Experience of a single institute

 Chia-Hui Chew, Jin-Cherng Chen, Shih-Kai Hung, Tsung-Hsien Wu, Moon-Sing Lee, Wen-Yen Chiou, Liang-Cheng Chen, Hon-Yi Lin
- 473 Patient-related factors associated with medication adherence behavior in patients with end-stage renal disease: A systematic review

 Anis A'lliya Abdul Latif, Kai Wei Lee, Kelly Phang, Aneesa Abdul Rashid, Nee Nee Chan, Suat Cheng Peh, Thiruventhiran Thilaganathan, Pei Boon Ooi