

**Malaysian Journal of
Medicine and Health Sciences
Vol. 20 SUPP1, January 2024**

Contents

ORIGINAL ARTICLES

- Molecular Docking and ADMET Modelling in the Design of New Targeted Anti-tuberculosis Drug
Mohammad Hafizie Dianel Mohd Tazizi, Ahmad Marwazi Suhaimi, Habibah A. Wahab, Amirah Mohd Gazzali 1
- Effects of *Alpinia galanga*, *Hibiscus sabdariffa* and *Moringa oleifera* on the Lifespan of *Caenorhabditis elegans* as an in Vivo Model for Anti-aging Properties
Nurzalina Abdul Karim Khan, Insathe Mohamed Ali and Chong-Yew Lee 9
- Exploration of Caregivers' Knowledge and Practice on Handling Oral Liquid Medications in Children: A Focus Group Discussion
Ng Li Yenn, Sania Siddiqui, Nur Arzuar Abdul Rahim, Hadzliana Zainal 17
- Reconstruction of the Violacein Biosynthetic Pathway From *Chromobacterium violaceum* in *Escherichia coli*
Suriani Mohamad, Ezatul Ezleen Kamarulzaman, Mattlessa Matthew Minggu 27
- Assessment of Knowledge, Attitudes, and Practices Toward Traditional and Complementary Medicines among the General Public in Malaysia
Siew Chin Ong, Zhi Shan Sujata Tan, Guat See Ooi, Nur Aizati Athirah Daud and Mustapha Mohammed 34
- Development and Validation of a Questionnaire to Evaluate the Knowledge and Perception among Caregivers on the Handling of Liquid Medication among Children
Rabbiatun Ahmad Azmi, Sania Siddiqui, Nur Arzuar Abdul Rahim, Hadzliana Zainal 44
- Belief About Medicine Use Among Pregnant and Breastfeeding Women in Malaysia: Translation and Validation of Pregnancy-specific Statements (PSS) and Breastfeeding-specific Statements (BSS) Tools
Tengku Hanim Syahmina Tengku Mokhtar and Nur Aizati Athirah Daud 55
- Evaluation of a Guideline on Potassium Chloride Intravenous Supplementation: Safety, Effectiveness and Cost Implications
Melissa Mohammad Hirman and Chee Ping Chong 64
- Preparation, Characterization and *in Vitro* Drug Release Evaluation of Chitosan Nanoparticles for Atovaquone
Ahmad Basim Alasas, Noratiqah Mohtar and Amirah Mohd Gazzali 75
- Development and Evaluation of the Impact of Validated Drug Dosing Pocket Guide in Pediatric Intensive Care Unit (PICU)
Christine Ai Ing Foo, Boon Ching Teoh, Hui Xian Yeoh, Shu Yui Lee, Ken Zhen Lee, Geetha Manogaran, Ai Lian Loh, Chong Yew Lee, Phei Ching Lim 85
- Vasorelaxant Activity and Its Mechanisms of *Momordica charantia* Fruit Extract in Diabetic Rat Aorta
Syafinaz Zainol, Aidiahmad Dewa, Nornisah Mohamed, Nadiyah Razali, Nurul Maizan Manshor, Rusdiah Ruzanna Jusoh 93
- HPLC-UV Method Validation for the Quantification of Andrographolide and Neoandrographolide in *Andrographis paniculata* Extracts
Subashini Raman, Vikneswaran Murugaiyah, Thaigarajan Parumasivam 105
- Public Knowledge and Practice of Appropriate Use of Medicines in the Gaza Strip, Palestine: A Cross-sectional Study
Ashraf Abdulrahim Mhadi, Yehia Abed, Siew Chin Ong 111
- Prevalence of Severe Pain and Inadequate Pain Treatment, Satisfaction, Quality of Life and Factors Associated with Severe Pain among Cancer Patients Receiving Palliative Care in Penang
Chia Phing Khaw, Hadzliana Zainal and Balamurugan Tangiisuran 118

Assessing Analgesic Use and Pain Perception among Orthopedic Patients With Chronic Non-cancer Pain <i>Hooi Li Chen, Retha Rajah, Shi Qi Lee, Sin Yu Tang, Stephanie Tang, Kuang Kian Khoo, Phei Ching Lim, Chong Yew Lee</i>	132
Mixed Methodological Exploratory Study of Knowledge, Attitude and Practice among Healthcare Practitioners on the Applications of Precision Medicine in Cancer Patients at Lahore, Pakistan <i>Rida Naaem, Dzul Azri Mohamed Noor, Furqan Khurshid Hashmi, Sulaman Yaqub</i>	140
Adsorption Onto Solid Carriers Enhances the Flow Properties and Release of <i>Alpinia galanga</i> Ethanolic Extract <i>Nurzalina Abdul Karim Khan and Insathe Mohamed Ali</i>	153
Psychological Status and Tendency to Cheat During Online Assessment among Pharmacy Students During the COVID-19 Pandemic <i>Divyashini Vickneswaran, Ooi Guat See and Nur Aizati Athirah Daud</i>	161
In Silico and in Vitro Studies of Selected Citrus Plants on the Inhibition of Pancreatic Lipase <i>Syarifuddin Husain, Siti Zuraidah Mohamad Zobir, Adibah Amirah Abdul Nasir, Khairul Niza Abdul Razak, Nur Najihah Ismail, Suriani Mohamad, Selestin Rathnasamy, Habibah A Wahab, Ezatul Ezleen Kamarulzaman</i>	170
REVIEW ARTICLE	
Pharmacovigilance and Adverse Drug Reaction Reporting Activities in the United Arab Emirates: A Scoping Review <i>Sawsan Shanableh, Hadzliana Zainal, Muae Alomar, Subish Palaian</i>	186
A Review on Supporting Roles of Phytochemicals and Advances in Their Nanoformulations for Lung Diseases <i>Kirtana Supramaniam, Amirah Mohd. Gazzali, Norhayati Mohamed Noor, Azila Abdul-Aziz, Nattika Nimmano, Noratiqah Mohtar</i>	198
Opioid-like Compounds Isolated From <i>Mitragyna speciosa</i> , <i>Picalima nitida</i> and <i>Clinacanthus nutans</i> as Potential Therapeutics for Peripheral Analgesia via Opioid and Non-opioid Mechanisms: A Review <i>Siti Sarah Fazalul Rahiman, Rama Ballouze, Devasharmini Mathandaver, Mohammad Al-Amin and Salizawati Muhamad Salhimi</i>	212
CASE REPORT	
Pneumothorax After Denosumab Injection in a Graft Versus Host Disease Patient <i>Phei Ching Lim, Shanty Velaiutham, Jamie Hong Im Teoh, Chong Yew Lee</i>	224