

MALAYSIAN JOURNAL OF

# Medicine and Health Sciences

Vol. 18 No. SUPP20/ Dec 2022

*Supplementary Issue:*

*National Conference on  
Ageing 2022 (NCA 2022)*

*17-18 October 2022*

Malaysian Journal of Medicine and Health Sciences Vol. 18 No. SUPP20, Dec 2022



Faculty of Medicine and Health Sciences  
Universiti Putra Malaysia  
43400 UPM Serdang  
Selangor Darul Ehsan  
Malaysia  
<http://medic.upm.edu.my/>

UPM Press  
Universiti Putra Malaysia  
43400 UPM Serdang  
Selangor Darul Ehsan  
Malaysia  
<http://penerbit.upm.edu.my>

PENERBIT  
**UPM**  
UNIVERSITI PUTRA MALAYSIA  
PRESS



A scientific journal published by Universiti Putra Malaysia Press

## About the Journal

The Malaysian Journal of Medicine and Health Sciences (MJMHS) is published by the Faculty of Medicine and Health Sciences, Universiti Putra Malaysia. The main aim of the MJMHS is to be a premier journal on all aspects of medicine and health sciences in Malaysia and internationally. The focus of the MJMHS will be on results of original scientific research and development, emerging issues and policy analyses pertaining to medical, biomedical and clinical sciences. The Malaysian Journal of Medicine and Health Sciences is now indexed in the following data bases: Scopus, EBSCOhost, ISC, and Rubriq.

## Editorial Board

Editor in Chief:

Prof. Dr. Normala Ibrahim

Members:

Prof. Dr. Rukman Awang Hamat

Prof. Dr. Christopher Lim Thiam Seong

Prof. Dr. Ching Siew Mooi

Prof. Dr. Sharmili Vidyadaran

Prof. Dr. Loh Su Peng

Assoc. Prof. Dr. Rajesh Ramasamy

Assoc. Prof. Dr. Sethu Thakachy Subha

Assoc. Prof. Dr. Nor Afiah Mohd Zulkefli

Assoc. Prof. Dr. Wan Aliaa Wan Sulaiman

Assoc. Prof. Dr. Ling King Hwa

Assoc. Prof. Dr. Habibah Abdul Hamid

Assoc. Prof. Dr. Zubaidah Nor Hanipah

Assoc. Prof. Dr. Intan Hakimah Ismail

Assoc. Prof. Dr. Ho Yu Bin

Assoc. Prof. Dr. Karmegam Karuppiah

Assoc. Prof. Dr. Subapriya Suppiah

Assoc. Prof. Dr. Omar Ahmed Fahmy Ahmed

Dr. Navin Kumar A/L Devaraj

Dr. Raymond Yeak Dieu Kiat

Dr. Razif Abas@Buang

Dr. Sandra Maniam

Technical Coordinator:

Dr. Tan Kit Aun

Dr. Manraj Singh Cheema

## International Advisory Board

Prof. Dr. Cecilia A. Essau

Prof. Dr. David Brendan Price

Prof. Dr. S Suresh Kumar

Assoc. Prof. Dr. Sean Semple

Dr. Martin Wong Chi Sang