

BJMS

Borneo Journal of Medical Sciences

Volume 15, Issue 3, September 2021

ISSN 1985-1758 E-ISSN 2710-7353

BJMS

Borneo Journal of Medical Sciences

Volume 15, Issue 3, September 2021

ISSN 1985-1758 E-ISSN 2710-7353

PENERBIT UNIVERSITI MALAYSIA SABAH

Kota Kinabalu • Sabah • Malaysia

<http://www.ums.edu.my>

2021

A Member of the Malaysian Scholarly Publishing Council (MAPIM)

© Universiti Malaysia Sabah, 2021

All rights reserved. No part of this publication may be reproduced, distributed, stored in a database or retrieval system, or transmitted, in any form or by any means, electronics, mechanical, graphic, recording or otherwise, without the prior written permission of Penerbit Universiti Malaysia Sabah, except as permitted by Act 332, Malaysian Copyright Act of 1987. Permission of rights is subjected to royalty or honorarium payment.

Penerbit Universiti Malaysia Sabah makes no representation—express or implied, with regards to the accuracy of the information contained in this journal. Users of the information in this journal need to verify it on their own before utilising such information. Views expressed in this publication are those of the author(s) and do not necessarily reflect the opinion or policy of the Editorial Board and Universiti Malaysia Sabah. Penerbit Universiti Malaysia Sabah shall not be responsible or liable for any special, consequential, or exemplary problems or damages resulting in whole or part, from the reader's use of, or reliance upon, the contents of this journal.

EDITORIAL OFFICE ADDRESS

Chief Editor

Borneo Journal of Medical Sciences
Faculty of Medicine and Health Sciences
Universiti Malaysia Sabah
Jalan UMS
88400 Kota Kinabalu
Sabah, Malaysia
Tel: +60 88 320000 Ext 5620
Fax: +60 88 320928
Email: bjms@ums.edu.my

PUBLISHER

Penerbit Universiti Malaysia Sabah
(UMS)
Ground Floor, Library
Universiti Malaysia Sabah
Jalan UMS
88400 Kota Kinabalu
Sabah, Malaysia
Tel: +60 88 320 789
+60 88 320 462
Fax: +60 88 320 446
Email: penerbit@ums.edu.my

BJMS

Borneo Journal of Medical Sciences

Volume 15, Issue 3, September 2021

Journal of the Faculty of Medicine and Health Sciences
Universiti Malaysia Sabah

EDITORIAL BOARD 2021

Editor-in-Chief

Prof. Dr Kamruddin Ahmed

Professor

Department of Pathobiology and Medical
Diagnostics

Director

Borneo Medical and Health Research Centre
Faculty of Medicine and Health Sciences
Universiti Malaysia Sabah, Malaysia

Areas of Expertise: Virology, molecular epidemiology, emerging infectious
diseases, diagnostics

Editors

Dr Aminur Rahman

Director

Centre for Injury Prevention and Research, International Drowning
Research Centre Bangladesh

Areas of Expertise: Public health, drowning prevention

Prof. Dr Chua Tock Hing

Professor

Department of Pathobiology and Medical
Diagnostics

Faculty of Medicine and Health Sciences
Universiti Malaysia Sabah, Malaysia

Areas of Expertise: Entomology, forensic entomology, biostatistics, insect phylogeny

Prof. Dr Gulendam Bozdayi

Professor

Department of Medical Microbiology
Faculty of Medicine
Gazi University, Turkey

Area of Expertise: Medical virology

Assoc Prof. Dr Hidekatsu Iha

Associate Professor

Department of Microbiology
Faculty of Medicine
Oita University, Japan

Areas of Expertise: Oncogenic virus, molecular biology

Prof. Dr Hume E. Field

Honorary Professor

Eco Health Alliance Science and Policy Advisor for China and Southeast Asia
The University of Queensland, Australia

Areas of Expertise: Veterinary sciences, epidemiology, emerging infectious diseases

Prof. Dr Kozo Watanabe

Professor

Molecular Ecology and Health, Laboratory
Center for Marine Environmental Studies
Ehime University, Japan

Areas of Expertise: Molecular genetics, eco-epidemiology, biodiversity and evolution

Prof. Dr Malay Kanti Mridha

Professor

Centre of Excellence for Non-communicable Diseases and Nutrition

JPG School of Public Health

Brac University, Bangladesh

Areas of Expertise: Nutrition, maternal, neonatal and child health, non-communicable diseases

Assoc Prof. Dr Michael A. Huffman

Associate Professor

Section of Social System Evolution, Primate Research Institute

Kyoto University, Japan

Areas of Expertise: Alternative medicine, ethnomedicine, zoonoses, host-parasite interactions, one health

Dr Mohammad Azharul Karim

Research Associate

Department of Child Health

College of Medicine

University of Arizona, USA

Phoenix Children's Hospital

Paediatric Neurology, Neurodevelopmental Research Barrow

Neurological Institute, USA

Areas of Expertise: Human genetics, genotype-phenotype relationship, neurogenetics

Dr Mya Myat Ngwe Tun

Assistant Professor

Department of Virology

Institute of Tropical Medicine

Nagasaki University, Japan

Area of Expertise: Virology

Prof. Dr Papa Salif Sow

Professor

Department of Infectious Diseases

Faculty of Medicine

University of Dakar, Senegal

Areas of Expertise: Infectious and tropical diseases

Prof. Dr Richard Culleton

Professor

Division of Molecular Parasitology

Proteo-Science Center

Ehime University, Japan

Areas of Expertise: Parasitology, malariology

Assoc Prof. Dr Selim Ahmed

Associate Professor

Medicine Based Department

Faculty of Medicine and Health Sciences

Universiti Malaysia Sabah, Malaysia

Areas of Expertise:

Paediatric environmental and infectious diseases

Prof. Dr Shaman Rajindrajith

Professor

Department of Paediatrics

Faculty of Medicine

University of Colombo, Sri Lanka

Areas of expertise:

Paediatric gastroenterology, paediatric non-communicable diseases

Assoc Prof. Dr Stuart D. Blacksell

Associate Professor

Nuffield Department of Medicine

Oxford University, UK

Areas of Expertise:

Biosafety, laboratory design and development, zoonosis, serology

Assoc Prof. Dr Terrence Piva

Associate Professor

Pathobiology and Skin Cancer Laboratory School of Health Sciences and Biomedical Sciences

RMIT University, Australia

Areas of Expertise:

Skin cancer, photobiology, sunburn, melanoma, sunscreens, cancer metabolism, photo immunology

Dr Tom Hughes

Senior Fellow

Project Coordinator Malaysia for Eco Health Alliance

Eco Health Alliance, USA

Areas of Expertise:

Conservation medicine, zoonotic disease surveillance, biosafety and biosecurity

Managing Editors**Assoc Prof. Dr Mohd Firdaus Bin Mohd Hayati**

Associate Professor & Deputy Dean (Research & Postgraduate)

Department of Surgical Based Discipline

Faculty of Medicine and Health Sciences

Universiti Malaysia Sabah, Malaysia

Areas of Expertise:

Carcinogenesis, surgery

Dr Sadia Choudhury Shimmi

Senior Lecturer

Department of Biomedical Science and Therapeutics

Faculty of Medicine and Health Sciences

Universiti Malaysia Sabah, Malaysia

Areas of Expertise:

Physiology, complementary and alternative medicine, renal system, hepatobiliary system, cardiovascular system

Dr Fong Siat Yee @ Alison

Senior Lecturer

Department of Biomedical Science and Therapeutics

Faculty of Medicine and Health Sciences

Universiti Malaysia Sabah, Malaysia

Areas of Expertise:

Molecular biology, natural products

CONTENTS

Editorial

- **Children Vaccination of COVID-19** 1
Sadia Choudhury Shimmi, M. Tanveer Hossain Parash

Review Articles

- **The Burden of Influenza Virus Infection among Children under 12 Years Old in Tropical Countries** 5
Lim Kai Joo, Mohd Yusof Ibrahim, Mohd Rohaizat Hassan, Eric Tan Chee How, Mohammad Saffree Jeffree
- **Knowledge, Attitude and Practice of Public on Breast Cancer Screening: A Systematic Review** 13
Mohd Shaiful Ehsan Shalihin, Nor Aishah Ramlee, Amirah Azhar, Anis Arisha Fatiha Mohd Zaki, Azmi Md Nor, Mohd Aznan Md Aris

Original Articles

- **Prescribing Practice of Third Generation Cephalosporins in Medical Wards at Hospital Queen Elizabeth II (HQEII)** 25
Nur Fairuz Sabrina Hashim, Qishtina Mizan, Hong Tshun Kuan, Dina Cyla Danny, Lai Shuhua, Goh Qing Liang
- **Clinical, Biochemical, and Radiological Factors Affecting the Prognosis of Neurological Deficit Improvement in Spinal Tuberculosis Patients at Hospitals of Sabah** 37
Zamzuri Zakaria, Harkeerat Singh Sukhdarshan Singh, Mohd Ariff Sharifuddin, Rajandra Kumar Karupiah, Mohd Adham Shah Ayeop, Naveen Vijayasingham
- **Larval Ecology of *Anopheles* Mosquitoes in Kudat, Sabah, Malaysia** 49
Wilfredo Escalante Aure, Nelia Palaria Salazar, Tock Hing Chua

Case Reports

- **The First COVID-19 Mortality in Batu Pahat, Johor: Lesson Learnt** 63
Shu Ann Hon, Lian Thai Lee, Qin Jian Low
- **Extracorporeal Reconstruction of the Radial Head** 71
Kow Ren Yi, Zaharul Azri Mustapha Zakaria, Ruben Jaya Kumar, Low Chooi Leng, Khairul Nizam Siron Baharom
- **Evolving Stroke in Tuberculous Meningitis** 77
Seng Wee Cheo, Rosdina Zamrud Ahmad Akbar, Song Weng Ryan Khoo, Yee Ann Tan, Qin Jian Low
- **Gallstone Ileus with Resolution of Bile Leak Post-Subtotal Cholecystectomy and Spontaneous Closure of Cholecystoduodenal Fistula: Case Report and Literature Review** 83
Jessy Ng Suk Ning, Satkunan Mark, Yan Yang Wai
- **Recurrent Epistaxis due to Bizarre Finding of Supernumerary Nasal Tooth** 91
Firamir Zulkifli, A. B. M. Tofazzal Hossain, Halimuddin Sawali, Shaila Kabir, A. H. M. Delwar, M. Tanveer Hossain Parash, Constance Liew Sat Lin, Mohd Firdaus Mohd Hayati, Fairrul Kadir, M. Alamgir Chowdhury

Short Communication

- **Acne Vulgaris: More Than Skin Deep** 95
Tan Jia Yi
- **Unparalleled Experiences of Online Medical Education during COVID-19 Pandemic** 99
Mie Mie Sein, Mya Sanda Khaing, Tin Tin Thein, Fatimah Ahmedy

