

**Malaysian Journal of  
Medicine and Health Sciences  
Vol. 18 SUPP21, December 2022**

**Contents**

**EDITORIAL**

- Laboratory Medicine and Research in Pathology 1  
*Sharmili Vidyadaran, Intan Nureslyna binti Samsudin, Eusni Rahayu binti Mohd Tohit, Razana Mohd Ali*

**ORIGINAL ARTICLES**

- CTLA-4 +49A/G And -318 C/T Polymorphisms and Cytokines Level on Inhibitors Development of Haemophilia A among Different Ethnicity in Malaysia 2  
*Anantha Kummar Nadarajan, VS Selvavani KN Vaiappuri, Faraizah Dato' Karim, Suhaili Abubakar, Sabariah Md Noor*
- Antioxidative Recovery Responses of Germinated Rough Rice (GRR) and Germinated Brown Rice (GBR) from Various Solvents and Their Potential towards Reactive Oxygen Species Quenching Capacity 9  
*Zalinah Ahmad, Shamini Thuraisingam*
- Glycated Haemoglobin as an Index of Glycaemic Control: Ethnic Variation among Patients with Type 2 Diabetes Mellitus in a Malaysian Tertiary Hospital 16  
*Adilah Arifin, Subashini C. Thambiah, Hafizah Abdullah, Intan Nureslyna Samsuddin, Siti Yazmin Zahari Sham*
- Haematologic Profile of Haemoglobin Constant Spring and Its Co-inheritance With Alpha and Beta Thalassaemia Among Form Four Students in Negeri Sembilan 23  
*Subithira Nahanthiran, Nik Hafidzah Nik Mustapha, Subashini Chellappah Thambiah, Malina Osman, Faridah Idris, Sabariah Md Noor*
- High CD14 Antigen Expression in Urothelial Bladder Carcinoma Establishes that the Inflammatory Microenvironment Promotes Tumour Cell Proliferation 30  
*Aiful Ahmad, Suryati Mohd Yusoff, Razana Mohd Ali, Malina Osman, Lai Shau Kong, Huzlinda Hussin*
- Elucidation of mRNA targets of miR-145-5p in diabetic kidney disease using bioinformatics analysis 36  
*Siti Yazmin Zahari Sham, Shamin Azwar, Wai Kien Yip, Maha Abdullah, Kalaiselvam Thevandran, Malina Osman, Heng Fong Seow*
- Visualising Digital Pathology Research : A Bibliometric Analysis from 1991-2021 43  
*Rafidah Hod, Siti Khadijah Adam, Faridah Idris*
- The Effect of Storage at -20°C and -80°C on HbA1c Measurements in Whole Blood Samples Analysed Using Bio-Rad D-10 54  
*T. Zaharah T. Ibrahim, Intan Nureslyna Samsudin, Alia Nasriana Nasuruddin, Subashini C. Thambiah*
- Prevalence of Thyroglobulin Antibody (TgAb) Positivity in Patients Post Treatment for Differentiated Thyroid Carcinoma and Verification of Serum Thyroglobulin Measurements by Thyroglobulin Recovery Test and TgAb assay 59  
*Kaameny Kathiravelu, Intan Nureslyna Samsudin, Mohd Jamsani Mat Salleh, Subashini C. Thambiah*
- Prediction of mRNA Targets of miR-101-3p in Diabetic Kidney Disease by Bioinformatics Tools 64  
*Siti Yazmin Zahari Sham, Shamin Azwar, Wai Kien Yip, Chin Tat Ng, Maha Abdullah, Kalaiselvam Thevandran, Malina Osman, Heng Fong Seow*
- Diagnosis and Management of Intrahepatic Cholestasis of Pregnancy- A Retrospective Clinical Audit 72  
*Linggesuwary Viswanathan, Pavai Sthaneshwar, Nuguelis Razali, Subashini C. Thambiah*
- Molecular Identification of Fungi Causing Tissue Mycoses From Formalin Fixed Paraffin Embedded (FFPE) Archive Specimens 79  
*Syarifah Mohd Rahim, Rosni Ibrahim, Tengku Zetty Tengku Jamaluddin, Fairuz Amran, Norhayati Omar, Siti Norbaya Masri*
- Identification of MYC/BCL2 Double-expressers Lymphomas in Diffuse Large B Cell Lymphoma Patients and Association with their Prognostic Parameters and Survival Rates: A Single Centre Experience 86  
*Aliza Ahmad, Fauzah Abd Ghani, Junalina Jaafar, Maizaton Atmadini Abdullah*
- Evaluation of Phytochemical Composition, Antioxidant and anti-Diabetic Activities of *Mitragyna speciosa* Methanolic Extract (MSME) 92  
*Nur Fatin Zalikha Zailan, Seri Narti Edayu Sarchio, Masriana Hassan*
- Moringa oleifera Leaf Ethanol Extract Immunomodulatory Activity Discriminates between Chronic Myeloid Leukaemia Cell Line and Normal Lymphocytes 100  
*Hamza Lawal, Satar Jabbar Rahi Algraittee, Ramesh Ranggasamy, Vahid Sarmadi, Subashini C. Thambiah, Johnson Stanslas, Rajesh Ramasamy*

Detection of Isocitrate Dehydrogenase (IDH-1), Epidermal Growth Factor Receptor (EGFR), P53 and C-erbB2/HER2 Mutation in Glial Tumour <i>Nusaibah Azman, Anani Aila Mat Zin, Sharifah Emilia Tuan Sharif, Ikmal Hisyam Bakrin</i>	110
<b>COMMENTARY</b> Setting Up a Transfusion Laboratory for Covid-19 Samples: An Experience from a New Teaching Hospital <i>Faridah Idris, Wong Ying Ying</i>	119
<b>CASE REPORT</b> A Case of Angiomatoid Epithelioid Sarcoma Mimicking an Epithelioid Vascular Neoplasm <i>Shau-Kong Lai, Ling Tze Tan, Lii-Jye Tan, Cai Ping Koh, Balqis Yahaya, Huzlinda Hussin</i>	122
Primary Aggressive Osteosarcoma of Sphenoid Bone <i>Nur Asyilla Che Jalil, Farahlina Baba, Ahmad Hadif Zaidin, Mohamad Muhamimin Abdullah, Ikmal Hisyam Bakrin, Abdul Rahman Izani Ghani, Anani Aila Mat Zin</i>	126
Lymphoplasmacytic Lymphoma with Paraprotein IgG <i>Shaidatina Mat Yusuf, Eusni Rahayu Mohd. Tohit, Subithira Nahanthiran</i>	130
Limitations of the Human Chorionic Gonadotropin (hCG) Assay in the Diagnosis of Gestational Trophoblastic Disease <i>Zety Wizana Rusman, Subashini C. Thambiah, Intan Nureslyna Samsudin, Siti Sharina Anas, Pavai Staneshwar</i>	134
Diagnostic Pitfalls of Metastatic Lobular Breast Carcinoma to the Endometrium in a Patient on Long-Standing Tamoxifen Therapy <i>Chew Pong Keong, Lai Shau Kong, Razana Mohd Ali, Huzlinda Hussin</i>	137
Vulvovaginal Angiomyofibroblastoma: An Uncommon Benign Mesenchymal Tumour <i>Shanny Goh, Ngan Kah Wai, Norhafizah Mohtarrudin, Razana Mohd Ali</i>	140
Primary Small Cell Neuroendocrine Carcinoma: A Rare Entity of Bladder Neoplasm <i>Nadiyah Ahmad Sabri, Farahlina Baba, Wan Muhamad Mokhzani Wan Muhamad, Ikmal Hisyam Bakrin, Anani Aila Mat Zin</i>	143
Newly Diagnosed Systemic Lupus Erythematosus in a COVID-19 Positive Patient: A Case Report <i>Nurul Aimi Abdul Rahman, Tuan Suhaila Tuan Soh, Hasni Mahayidin</i>	147
Concomitant <i>Haemophilus influenzae</i> Infection and anti-N-Methyl-D-Aspartate Receptor Encephalitis in a 7-year-old Previously Healthy Girl: A Case Report <i>Nurul Aimi Abdul Rahman, Hasni Mahayidin, Tuan Suhaila Tuan Soh, Rosni Ibrahim</i>	151