

**Malaysian Journal of
Medicine and Health Sciences
Vol. 19 SUPP4, February 2023**

Contents

ORIGINAL ARTICLES

The Relationship Between Interleukin-1 β Levels and Sociodemographic Factors With Periodontal Status in the Menopausal Transition <i>Pitu Wulandari, Sri Lelyati C Masulili, Lindawati S Kusdhany, Ali Baziad</i>	1
Effect of Citrus Sinensis Peel Extract Gel on Periodontal Healing in Rat Model <i>Nur Rahman Ahmad Seno Aji, Sri Pramestri Lastianny, Abdurrahman Nadhiif Ramadhan Indra Mustafa, Hana Ameli Irawan, Nur Halimah Putri, Victoria Angeli Christie</i>	9
The Electromagnetic Radiation Effect of Mobile Phone to the Inflammation Cells in Gingival (<i>Rattus Norvegicus</i>) <i>Ni Wayan Sutra Satyana, Nathaniel Dean Wanaditya, Stevani Gracela Huri, Vania Jesslyn Irawan, Dahlia Herawati</i>	18
Doxycycline Incorporation Into Gelatin- Carbonate Apatite Membrane as Adjuvant Post Gingival Curettage <i>Osa Amila Hafiyah, Suryono, Sri Pramestri Lastianny</i>	25
Donor Compatibility on Crossmatch-test Result of Freeze-dried Homologous Platelet-rich Plasma <i>Nandini Anindita Sumitro, Wlwin Winda Kusumadewi, Fitri Yuniawati, Naila Amalia, Hendrawati and Kwartarini Murdiastuti*</i>	34
Effectiveness Propolic Irrigation After Scaling and Root Planing on Chronic Periodontitis Patients <i>Sri Pramestri Lastianny, Puspaneka Wijayanti, Ayuda Nur Sukmawati, Suryono</i>	39
The Effect of Carbonated Hydroxyapatite-10% Propolis Application on Open Flap Debridement Towards Transforming Growth Factor B1 Expression <i>Suryono, Puspaneka Wijayanti, Sri Pramestri Lastianny</i>	45
In Vitro Evaluation of Doxycycline Incorporated in Carbonate Apatite – Gelatin Bone Graft Material <i>Osa Amila Hafiyah, Sri Pramestri Lastianny, Suryono</i>	52
Effect of Blue-light-emitting Diode Exposure on Osteoprotegerin Level During Orthodontic Relapse in Rats <i>Dian Az Zahra, Christnawati Christnawati, Cendrawasih Andusyana Farmasyanti</i>	58
Effect of Freeze-dried Homologous Platelet-rich Plasma Preparation and Sterilization Methods on Levels TGF- β <i>Wiwini-Winda Kusumadewi, Aryo Suseno, Sri Pramestri Lastianny, Kwartarini Murdiastuti</i>	65
The Effect of Spirulina Platensis Gel on Angiogenesis and Collagen Fiber Density in Gingival Wound Healing <i>Hendrawati, Jehan Vahlepy, Yonas Aditya Hendarto, Vincensia Maria Karina</i>	71