

e-ISSN: 2620-8636

# BIOMOLECULAR *and health* SCIENCE JOURNAL



**Volume 4, Number 1, June 2021**

**Published by:  
Faculty of Medicine, Universitas Airlangga**

**EDITORIAL TEAM**  
**Volume 4 No.1 June 2021**

**Editor in chief**

*Muhammad Miftahussurur, MD., Ph.D, Universitas Airlangga, Indonesia*

**Associate Editor**

*Purwo Sri Rejeki, MD., Ph.D, Universitas Airlangga, Indonesia*

*Astri Dewayani, MD, Universitas Airlangga, Indonesia*

**Editorial Board**

*Yoshio Yamaoka, MD, Ph.D, Oita University, Japan*

*Hoda M Malaty, M.D., M.P.H., Ph.D., F.A.C.G, Baylor College of Medicine, Houston, Texas, United States*

*Prof. Delvac Oceandy, M.D., Ph.D., University of Manchester, Manchester, United Kingdom*

*Prof. Maria Lucia Inge Lusida, MD. Ph.D, Universitas Airlangga*

*Prof. Mei Ling Tsai, MD., Ph.D, National Cheng Kung University, Taiwan, Province of China*

*Shamsul Ansari Ph.D, Maharajgunj Medical Campus, Institute of Medicine, Nepal*

*Prof. Indah Setyawati Tantular, MD, Ph.D, Universitas Airlangga, Indonesia*

*Prof. Kuntaman. MD, Ph.D, Universitas Airlangga, Indonesia*

*Prof. Nasronudin, MD., Universitas Airlangga, Indonesia*

*Prof. Retno Handajani, MD. Ph.D, Universitas Airlangga*

*Prof. Usman Hadi, MD., Universitas Airlangga, Indonesia*

*Juniastuti, MD, Universitas Airlangga, Indonesia*

*Prof. Jusak Nugraha, MD, PhD, Universitas Airlangga, Indonesia*

*Vo Phuoc Tuan, MD., Ph.D, Cho Ray Hospital, Viet Nam*

*Evariste Tshibangu Kabamba, MD., Ph.D, Osaka City University, Japan*

**Reviewer**

*Tomohisa Uchida, MD, Ph.D, Oita University, Japan*

*Yasutoshi Kido, MD, Ph.D, Osaka City University, Japan*

*Rumiko Suzuki, Ph.D, Oita University, Japan*

*Mohammad Afzal Mahmood, PhD, The University of Adelaide, Australia*

*Dadang Makmun, MD, Ph.D, University of Indonesia*

*Phawinee Subsomwong, Ph.D, Aomori University, Japan*

*Fardah Akil, MD, Hasanuddin University, Makassar, Indonesia*

*I Dewa Nyoman Wibawa, MD, University of Udayana, Denpasar, Indonesia*

*Azimatul Karimah, MD, Universitas Airlangga, Indonesia*

*Rosy Setiawati, MD, PhD, Universitas Airlangga, Indonesia*

*Syifa Mustika, MD, Dr. Saiful Anwar General Hospital, Malang, Indonesia*

*Hafeza Aftab, MD, Ph.D, Dhaka Medical College and Hospital, Bangladesh, Bangladesh*

*Bambang Purwanto MD, Ph.D, Universitas Airlangga, Indonesia*

*Agus Turchan, MD, PhD, Universitas Airlangga, Indonesia*

*Ahmad Yudianto, MD, MH, Universitas Airlangga, Indonesia*

*Muhammad Ilham Aldika Akbar MD, Universitas Airlangga, Indonesia*

*Musofa Rusli, MD, Universitas Airlangga, Indonesia*

*Agung Dwi Wahyu Widodo, MD., MH, Ph.D, Universitas Airlangga, Indonesia*

*Maftuchah Rochmanti, MD, Universitas Airlangga, Indonesia*

*Lilik Herawati, MD, Universitas Airlangga, Indonesia*

*Abdulloh Machin MD, Universitas Airlangga, Indonesia*

*Priyo Budi Purnowo, MD, Universitas Airlangga, Indonesia*

*Tunjung Seto, MD, Universitas Airlangga, Indonesia*

*Faisal Yusuf Ashari, MD, Universitas Airlangga, Indonesia*

**Assistant Editor**

*Cindy Fiona Arilian B.F.Sc, Universitas Airlangga, Indonesia*

TABLE OF CONTENT

ORIGINAL ARTICLE

- Profile of Maxillofacial Fracture Patients at General Hospital in Surabaya** 1-4  
*Bonfilio Neltio Ariobimo, Marjono Dwi Wibowo, Abdurachman Abdurachman*
- Antimalarial Activity of Ethanol Extract of Noni Leaves (*Morinda citrifolia*) towards Parasitemia, Splenomegaly, and Hepatomegaly in *Plasmodium berghei* ANKA Infected Mice** 5-9  
*Putri Rahayu, Yetti Hernaningsih, Heny Arwati*
- Distribution Genotype High Risk (HR) And Low Risk (LR) Human Papillomavirus (HPV) at Condyloma Acuminata** 10-14  
*Gondo Mastutik, Alphania Rahniayu, Dwi Murtiastutik, Afria Arista, Trisniartami Setyaningrum, Nabiha Missaoui, Suhartono Taat Putra*
- The Bacterial Pneumonia Characteristics based on Climate and Meteorological Parameters in Indonesia, the Tropical Country: A Preliminary Study** 15-21  
*Bramantono Bramantono, Brian Eka Rachman, Erika Marfiani, Neneng Dewi Kurniati, Muhammad Vitanata Arifjanto, Tuksin Jearanaiwitayakul*
- Analgesic Effect of Dayak Onion (*Eleutherine americana* (Aubl.) Merr.) on Mice (*Mus musculus*) by Hot Plate Test Method** 22-25  
*Muhammad Hafizh, Danti Nur Indiasuti, Indri Safitri Mukono*
- The Presence of Other TB Cases in the Family as a Substantial Factor Influencing the Level of Knowledge and Perception of TB patients** 26-29  
*Yelvi Levani, Ricky Indra Alfaray, Rahmat Sayyid Zharfan, Astri Dewayani, Kartika Afrida Fauzia, Batsaikhan Saruuljavkhlan, Ayu Lidya Paramita, Maya Rahmawati, Nur Mujaddidah Mochtar, Kamal Musthofa, Dede Nasrullah, Mohammad Subkhan*
- Night Shift Work Accelerates Menopausal Age in Health Workers** 30-37  
*Sri Ratna Dwiningsih, Samsulhadi Samsulhadi, Arif Tunjungseto, Monika Lijuwardi, Arsana Wiyasa*
- The Characteristics of Children with UTI Due to ESBL-producing Bacteria at Dr. Soetomo General Academic Hospital, Surabaya** 38-41  
*Ida Fitriawati, Manik Retno Wahyunitisari, Risky Vitria Prasetyo, Dwiyanti Puspitasari*
- Maximizing Millennial Students Role in Combating COVID-19 Hoaxes and Myths** 42-47  
*Astri Dewayani, Euvanggelia Dwilda Ferdinandus, Rizki Putra Prastio, Indah Fahmiyah, Amila Sofiah, Rodik Wahyu Indrawan, Mochammad Nurul, Gagas Gayuh Aji, Nanda Rachmad Putra Gofur, Siti Khaerunnisa, Dewi Sriani, Yankel Sena*

**CASE REPORT**

- A Patient With Graves' Disease And Thyroid-Associated Orbitopathy Undergoing Radioactive Iodine in Dr. Soetomo General Academic Hospital, Surabaya** 48-51  
*Rizki Adrian Hakim, Stepanus Massora, Delfitri Lutfi, Hermina Novida*

**REVIEW ARTICLE**

- Six Commandments of Treatment Protocols During Covid-19 Pandemic in Dentistry** 52-56  
*Agung Sosiawan, Dian Agustin Wahjuningrum, Anuj Bhardwaj, Kratika Mishra, Sheetal Khandelwal, Amit Bhardwaj, Shivani Bhardwaj*
- Antihelminthic Treatment And Strategy to Eliminate Soil-Transmitted Helminth in Children** 57-60  
*Sacharissa Zerlina Tsarwah Thirafi, Zaky Firmawan El-Hakim, Lutfi Dewanda Nugroho, Ayush Khangai, Dwiyantri Puspitasari*
- A Systematic Review of miRNAs Accuracy as a Diagnostic Biomarker in COPD patients** 61-65  
*Rexel Kumatama, Louis Fabio Jonathan Jusni, Christa Karina*
- A Systematic Review on The Outcomes of Fibular Strut Graft for Femoral Neck Fractures in Adults** 66-72  
*Bintang Soetjahjo, Udi Heru Nefihancoro, Rieva Ermawan, Gilang Teguh Pratama*