

p-ISSN 0215-8833

e-ISSN 2716-0920

MAJALAH BIOMORFOLOGI

vol. 30 no. 1 January 2020



<https://e-journal.unair.ac.id/MBIO/>
majalahbiomorfologi@fk.unair.ac.id

Published by:
Faculty of Medicine, Universitas Airlangga, Surabaya, Indonesia
in collaboration with
Indonesian Medical Association, Surabaya (IDI-Surabaya)
and Indonesian Anatomist Association (PAAI)

MAJALAH BIOMORFOLOGI

EDITORIAL TEAM

Editor-in-Chief

Viskasari P. Kalanjati

Advisory Editor

Abdurrahman

Associate Editor

Tania Ardiani

Editorial Team

Irmawan Farindra (Faculty of Medicine, Universitas Nahdatul Ulama Surabaya, Surabaya, Indonesia), Tjahja Nurrobi (Indonesian Association of Anatomist [IAA], Indonesia), Elies Fitriani (Indonesian Association of Anatomist [IAA], Indonesia), Ulfah Dian Indrayani (Indonesian Association of Anatomist [IAA], Indonesia), Azlin Muhammad (Department of Medical Parasitology and Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Malaysia), Stephanie Miller (Centre for Clinical Research, The University of Queensland, Australia), Dzanuar Rahmawan (Institut Ilmu Kesehatan Bhakti Wiyata, Kediri, Indonesia), Ira Anggar Kusuma (Faculty of Dental Medicine, Universitas Diponegoro, Semarang, Indonesia), Etha Rambung (Faculty of Medicine, University of Ciputra, Indonesia), Risdiansyah (Indonesian Medical Association [IDI], Surabaya, Indonesia), Peppy Nawangsasi (Faculty of Medicine, Universitas Hangtuh Surabaya, Indonesia), Rudi Irawan (Institut Ilmu Kesehatan Bhakti Wiyata, Kediri, Indonesia), Mujaddidah (Faculty of Medicine, Universitas Muhammadiyah, Surabaya, Indonesia), Dion Krismashogi Dharmawan (Faculty of Medicine, Universitas Jember, Indonesia), Dwi Martha (Faculty of Medicine, Universitas Surabaya, Surabaya, Indonesia), Maya Rahmayanti (Faculty of Medicine, Universitas Muhammadiyah, Surabaya, Indonesia), Jesslyn Kristanti (Faculty of Medicine, Universitas Hang Tuah, Surabaya, Indonesia), Astri Dewayani (Oita University, Japan)

Assistant Editors

Anggie Kusumawardhani (Unit of Journal Consortium and Folia Medica Indonesiana, Universitas Airlangga, Surabaya), Endro Sugiharto (Faculty of Medicine, Universitas Airlangga, Surabaya, Indonesia), Moch. Zuhdy (Unit of Journal Consortium and Folia Medica Indonesiana, Universitas Airlangga, Surabaya, Indonesia), Moch. Rudy (Faculty of Medicine, Universitas Airlangga, Surabaya, Indonesia), Dimas B. Bagus Pamungkas (Faculty of Medicine, Universitas Muhammadiyah, Surabaya, Indonesia)

Address

Faculty of Medicine, Universitas Airlangga
Jl. Mayjen Prof dr Moestopo no. 47, Surabaya 60131, Indonesia. Phone: 62-31-5020569 ext. 1199
<https://e-journal.unair.ac.id/MBIO/>
Email: majalahbiomorfologi@fk.unair.ac.id

MAJALAH BIOMORFOLOGI

CONTENT

1. Association between Nutritional Status and the Outcome of Pediatric Patient with Dengue Shock Syndrome
Shidi Laras Pramudito, Dewi Ratna Sari, Ninik Asmaningsih Soemyarso 1 – 6
2. Effects of Low Dose Exposure of Borax for 8 Weeks on Gastric Ulcer Formation
Audi Salman Faza, Linda Dewanti, Ema Qurnianingsih 7 – 13
3. Body Mass Index (BMI) of Children with Tetralogy of Fallot (ToF)
Ovin Nada Saputri, Viskasari P. Kalanjati, Mahrus A. Rahman 14 – 18
4. Effect of Sex Difference on The Histological Structure of Bronchus and Nasal Cavity in Animal Asthma Model
Reinaldi Rachmadhianto, Tri Hartini Yuliawati, Gatot Soegiarto 19 – 26
5. Characteristic of Chronic Myelogenous Leukemia Patients at the Polyclinic of Oncology, Dr. Soetomo General Academic Hospital, Surabaya, Indonesia in 2017
M. Rifqi Wiyono, Siprianus Ugroseno Yudho Bintoro, Yetti Hernaningsih 27 – 33

GUIDELINES FOR AUTHORS OF MAJALAH BIOMORFOLOGI

Majalah Biomorfologi is published twice a year in one volume. Majalah Biomorfologi contains scientific papers in the field of medicine and health in the form of **original research reports, literature reviews, and case reports**. Manuscripts submitted must contain original ideas that have never been published or presented in any form and anywhere and not in a review or under consideration to be published by other parties. The manuscript is written in English in an effective and academic style. The manuscript should be written in accordance to the structure as in the Document Template that can be downloaded by clicking the **Document Template button**. The Document Template includes **statement sheet** that the manuscript does not contain fabricated, falsified, and plagiarized text and/or data, that the manuscript has never been published before and is not under consideration for publication by another party, and that all authors have agreed the final form of the manuscript. All authors involved in making the manuscript must sign the statement sheet. The authors should also attach within the Document Template a letter of ethical eligibility (ethical clearance) for original research and case reports.

The manuscript must be free of typing errors and have a proportional length. The length of each manuscript is 5-10 pages of A4 size paper (1.5 spaces, Times New Roman font size 11, with normal margins page layout of 2.54 cm in each side) with the minimal numbers of reference is 30 per manuscript. The recommended references are the updated ones in the last 10 years from the date of current submission, unless in a special case accepted by the Editors.

All types of manuscript must consist of:

1. **Title**, which must be concise, specific and informative. The title must consist of no more than 14 words, written on the top line with Times New Roman font, size 11, all in capital letters, bold, left aligned, while the Latin name is italicized (Italic).
2. **The author's name(s)** is complete (without title) and the home institutions of the authors are written with initial capital letter for each word in Times New Roman font, size 11, left aligned, without ending points. If there are more than 1 author, all is written, separated with commas. Add a numeric code (superscript) behind the author's name. Author's home institution is written under the author's name beginning with a numeric code (superscript). Writing the name of the institution is followed with the name of the city the agency is located.
3. **Abstract** must be arranged with brief description (containing no more than 250 words). Abstract is written in English.
 - a. Abstract of original research must consist of background, objective, materials and methods, results, and conclusion written in one paragraph.
 - b. Abstract of literature review must consist of background, objective, discussion, and conclusion, written in one paragraph.
 - c. Abstract of case report must consist of background, objective, case, discussion, and conclusion, written in one paragraph.
4. **Keywords** consist of 3-5 words and or phrases, written under abstracts, in English, started with capital letter (Sentence case), separated with semi-colon, and without ending point.
5. **Correspondence** is written under the abstract including the name, full address, telephone number, and email address of one of the authors responsible as the correspondent.
6. The correspondence is followed by the following sections based on the type of article (original research, literature review, case reports):
 - a. Original research report, consists of the following sections:
 - Background**
 - Objective**
 - Materials and Methods**

Results

Discussion

Conclusion

- b. Literature review, consists of the following sections:

Background

Objective

Discussion

Conclusion

- c. Case report, consists of the following sections:

Background

Objective

Case

Discussion

Conclusion

7. After the conclusion in any type of manuscript, additional statements should be written consecutively as follows:

Acknowledgment

Ethical clearance

Conflict of interest

Funding disclosure

8. Graphs, diagrams, charts, illustrated drawings, and photographs should be limited in number, produced at least 300 dpi in TIFF format, having clear legend, numbered with Arabic numerals and titles, written in center aligned at the bottom.
9. The table should be limited in number, an open table and numbered with Arabic numbers and titles, written in center aligned at the top.
10. All words in Latin must be written in italics.
11. The use of abbreviations is generally agreed upon, and an extension must be given in the first mention of the abbreviation.
12. Decimal numbers are marked with points (.).

REFERENCES

All references in each manuscript **MUST** be about 10-20 references in total and published within 10 years from the submission date, whilst these references should be from highly reputable publishers and/or indexing websites i.e. Scopus, Scimagojr, Web of Science, NCBI- Pubmed and Google Scholar. Citation must be done accordingly to all references in each article to ensure good article quality produced with great academic impact and scientific contribution. The references follow Harvard system.

1. Journal

The first author's last name, initials. The second author's last name, initials. etc., Year. Article title (Sentence case). Journal Name (each word starts with an capital letter), Volume (No): page.

a. Six authors or less

Boughton, J.M., 2002. The Bretton Woods proposal: an in depth look. *Political Science Quarterly*, 42(6): 305-11.

Breslavsky, A. Frand, J. Matas, Z. Boaz, M. Barnea, Z. Shargorodsky, M., 2013. Effect of high doses of vitamin D on arterial properties, adiponectin, leptin and glucose homeostasis in type 2 diabetic patients. *Clinical Nutrition*, 32(6): 970-5.

Manna, P. & Jain, S.K., 2012. Vitamin D upregulates glucose transporter 4 (GLUT4) translocation and glucose utilization mediated by cystathionine- γ -lyase (CSE) activation and H₂S formation in 3T3L1 adipocytes. *J Biol Chem*, 287(50): 42324-32.

b. More than six authors

Hamden, K. Carreau, S. Jamoussi, K. Miladi, S. Lajmi, S. Aloulou, D. Ayadi, F. Elfeki, A., 2009. 1 α ,25 dihydroxyvitamin D3: Therapeutic and preventive effects against oxidative stress, hepatic, pancreatic and renal injury in alloxan-induced diabetes in rats. *J Nutr Sci Vitaminol*, 55(3): 215-22.

2. Books

Last name, initials., Year. Book Title. Edition City of publisher: publisher.

Barker, R. Kirk, J. Munday, R.J., 1988. Narrative analysis. 3rd ed. Bloomington: Indiana University Press.

a. Edited book/chapter of an edited book

The last name of the chapter writer, initials. ed/eds., Chapter year. Chapter Title. In: Editor's name (Initial first name. Last name, ed.)ed/eds. Book year. Book title. City of publisher: Publisher. Chapter or page number.

Keene, E. ed., 1988. Natural language. Cambridge: University of Cambridge Press.

Neurology. Teterboro, New Jersey: Icon Learning Systems. 264-280.

Oster, J.M. Gutrecht, J.A. Gross, P.T., 2005. Epilepsy and syncope. In: H. Royden Jones, ed. Netter's Samson, C., 1970. Problems of information studies in history. In: S. Stone, ed. 1980. Humanities information research. Sheffield: CRUS, 44-68.

b. Translated book

Last name, initials., Year. Book title. Translated from (language) by(Translator's initial first name, last name). City of publisher: Publisher.

Fawcett, D.W., 1994. Buku ajar histologi. Translated from English by J. Tambayong. Jakarta: Penerbit Buku Kedokteran EGC.

c. Electronic book/E-book

Last name, initials., Year. Book title. [e-book] City of publisher: Publisher. Retrieved: (date of access) of (website address).

Fishman, R., 2005. The rise and fall of suburbia. [e-book] Chester: Castle Press. Downloaded 12 May 2010 from <http://libweb.anglia.ac.uk>.

d. Proceeding book

Last name, initials. Year. Article Title. In: Editor's name, ed or organization's name. Book Title. Location, Date. Place of publisher: Publisher. Date. Place of publisher: Publisher.

Artaria, M.D. Rahmawati, Y. Setianingsih, H., 2012. Variasi genetika lokus STR codis (THO1, TPOX) pada temuan rangka prasejarah dari Gilimanuk. In: N.M. Karmaya, I.W. Sugiritama, eds. Proceeding of Pertemuan Ilmiah Nasional Perhimpunan Ahli Anatomi Indonesia XIII. Bali, Indonesia, 12-13 Oktober 2012. Denpasar: Udayana University Press.

e. Thesis/dissertation

Last name, initials. Year of publication. Thesis/dissertation title. Categories (undergraduate thesis/thesis/dissertation/research report). City of publisher: University name.

Richmond, J., 2005. Customer expectations in the world of electronic banking: a case study of the Bank of Britain. Dissertation. Chelmsford: Anglia Ruskin University.

f. Website

Author/institution, Year. Title of writing. Retrieved: (date of access) of (website address).

National Electronic Library for Health, 2003. Can walking make you slimmer and healthier? Downloaded 10 April 2005 from <http://www.nhs.uk.hth.walking>.

CITATION WRITING

Citation in the article should be written as follows:

a. If there are more than 2 authors in one article:

.... in accordance with the results of the study (Titus, et al., 2007).

b. Two authors in one article:

Recent research (White & Brown, 2004) shows that ...

c. If it consists of one or more articles:

.... in doing deeper research (Pinzon, 2007).

... below the level of the lesion (Liporace, 2006; Snell, 2002).

... spondylosis, as well as vascular tumors (Lindsay, et al., 2004; Titus, et al., 2007).