

VOLUME 6 | ISSUE 1 | MARCH 2024



Editorial Office: Biology Department, Faculty of Mathematics and Natural Sciences, Pattimura University
ISSN: 2684-804X (Online)

Mail Address: Jl. dr. J. Leimena, Kampus Poka, Kota Ambon, Maluku, Indonesia. Post code 97233
Contact Person: +628128416212 (**Anneke Pesik**) and WhatApps +6282133666644 (**Syahran Wael**)
E-mail: rumphiusbiojournal@gmail.com



This work is licensed under a [Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License](https://creativecommons.org/licenses/by-nc-sa/4.0/).

Editorial

Welcome the honorable visitors!
We are glad to have you with us.
We are currently working on several indexings which will make your article registered and well cited. Kindly, submit your precious article, according to the [template!](#)

Journal's Additional Menu

- Contact Us
- Focus and Scope
- Author Guidelines
- Open Access Policy
- Screening Plagiarism
- Publication Ethics Statement
- Management Reference
- Publication Fees
- Indexing
- Peer Reviewer

Journal's Statistics

Visitors

Country	Count	Country	Count	Country	Count
USA	9,974	Finland	16	Finland	5
USA	1,114	USA	11	USA	5
USA	440	Australia	10	USA	4
Canada	70	Taiwan	10	USA	4
USA	41	USA	8	USA	4
USA	20	USA	8	USA	4

Pageviews: 19,841

FLAG counter



Bourn

ISSN

2684-804X



9 772684 804007

Kementerian Riset, Teknologi dan Pendidikan Tinggi
Universitas Pattimura
Fakultas Matematika dan Ilmu Pengetahuan Alam
Jurusan Biologi
Jl. Ir. M. Putuhena, Kampus Poka, Ambon 97233



Credits

Editor Anneke Pesik
Veince Benjamin Silahooy
Syahran Wael

Copyeditor and Language Editor Windi Mose
La Eddy
Efraim Samson

Layout Edotir Kezia Lesbatta
Eifan Pattiasina

Cover Photo Theopilus Wilhelmus Watuguly

Editorial Board Prof. Dr. Pieter Kakisina, M.Si
Dr. Rizal Maarif Rukama, M.Si
Prof. Dr. Endang Semiarti, M.S M.Sc
Dr. rer. nat. Ayu Chriestien Rahaweman, M.Si
Wael Ali Muhamad Hadi, Ph.D
Prof. Karolien de Wael, Ph.D
Dr. Yustina Carolina Febrianti Salsinha, M.Sc
Dr. Cecelia Anna Seumahu, M.Si

Table of Contents

Short Communications

- Potential of administrated of hotong flour (*setaria italica* (l) beauv) from buru island on cholesterol in the blood wistar rats (*sprague dawley*) diabetes mellitus (1-5)
Windi Mose, Syahran Wael, Mimi Salmawati, Didik Wahyudi, Pudji Astuti
- Application polymerase chain reaction (PCR) for detection environmental pollution (water, air, & soil): a review (6-23)
Maya Novenda, Noor Rizqi Nadzifa Hidayati, Hafidha Khairunnisa, Elza Putri Ariyani
- Analysis of knowledge breeders level native chicken on nusalaut island (24-31)
Valda Petrosina Selubun, Abraham Tulalessy, Heryanus Jesajas
- Application of group investigation learning models and learning strategies inquiry to improving learning outcomes of students Class XI SMA Negeri 4 Ambon (32-39)
Tania Ifaksasily, Marike Muskita
- Nutritional content of green algae *caulerpa racemosa* and brown algae *sargassum polycystum* at Ranowangko II beach, Kombi District, Minahasa Regency (40-47)
Joana Hope Rorong, Mercy Maggy Franky Rampengan, Verawati Ida Yani Roring, Nova Laurin Isye Mourein Ogi
- Diversity of echinoderms on the beach of Ranowangko II Village, Kombi District, Minahasa Regency (48-55)
Immanuel Junisa Adolfina Letsoin, Mercy Maggy Franky Rampengan, Verawati Ida Yani Roring, Helen Joan Lawalata