1. Proses Submit









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Journal of Research in Pharmacy

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Dear Suci Suciati,

Thank you for submitting your manuscript entitled "In Vitro Acetylcholinesterase Inhibitory Activities of Fractions and Iso-agelasine C Isolated from the Marine Sponge Agelas nakamurai" to

Journal of Research in Pharmacy . Your manuscript will first be evaluated by the editors and if it meets the Journal's standards, will be forwarded to referees for scientific review. You will be able to follow the stage of your manuscript in the review process through the author center to which you will have access with your user name and password. You can use the author center for revisions and new submissions.

Username: suciati

Password: Your user information has been given to you with the first e-mail from the system. However, you can create a new $password\ from\ \underline{http://www.marmarapharmj.com/submit/forgot.php}\ if\ you\ forgot\ your\ old\ one.$

Journal of Research in Pharmacy

2. Proses Review **Hasil Review Tahap 1**



Please reduce similarity index of the paper. Especially, some sentences are exactly same with 'Suciati, Debora Poerwantoro, Aty Widyawaruyanti, Kornkanok Ingkaninan." Acetylcholinesterase inhibitory activity of



extract and fractions from the root of (L.)
Bth.ex.Kurz.", Journal of Basic and Clinical Physiology and Pharmacology, 2021. Therefore, similarity to this paper should be reduced.

Please consider comments arised by reviewers

The paper could be accepted although it has a weak conclusion part

Sincerely yours.

2. Reviewer Comments

The paper could be accepted although it has a weak conclusion part

3 Reviewer Comments

Aristyawan et al. investigated in vitro acetylcholinesterase inhibitory activities of fractions and iso-agelasine C isolated from the marine Sponge Agelas nakamurai. The study is well written and organized. Major revisions are needed to before acceptable for this journal

- 1- Authors have to statistical data using SPSS or Graph Pad in table 1.
- Authors have to positive control in Figures 1 and 2.
 Authors have to add spectra of NMR for isolated compounds.
- 4- Discussion is not enough, authors have to add new references to discuss the results

nuscript Information	
Manuscript ID:	MPJ-7757
Title in English:	In Vitro Acetylcholinesterase Inhibitory Activities of Fractions and Iso-agelasine C Isolated from the Marine Sponge Agelas nakamurai
Small Title in English:	No information entered
Authors:	$Suciati\ SUCIATI^1, Andhika\ ARISTYAWAN^2,\ Valentika\ SETYANINGTYAS^1,\ Tutik\ WAHYUNI^1,\ Aty\ WIDYAWARUYANTI^1,\ Kornkanok\ INGKANINAN^3,\ Atyling Aristyawaruyanti^2,\ Atyling Aristyawaruyanti^3,\ Atyling Aristyawaruyanti^4,\ Atyling Aristyawa$
	¹ Faculty of Pharmacy, Universitas Airlangga, Pharmaceutical Sciences, Surabaya, Indonesia ² Faculty of Pharmacy, Universitas Airlangga, Master Program in Pharmaceutical Science, Surabaya, Indonesia ³ Faculty of Pharmaceutical Sciences, Naresuan University, Department of Pharmaceutical Chemistry and Pharmacognosy, Phitsanulok, Thailand
Keywords in English:	Alzheimer's disease; acetylcholinesterase inhibitor; marine sponge; Agelas nakamurai; iso-agelasine C.
Manuscript Type:	Research article
Processing Status:	Major Revision

Score Sheet	
1. Reviewer	
Does the content and value of the work justify publication in Marmara Pharmaceutical Journal?	Yes
Does the title of the manuscript reflect the contents of the study ?	Yes
Are the keywords sufficient and appropriate ?	Yes
Is the summary concise and informative?	Yes
Is the text divided appropriately according to the article type ?	Yes
Is the language adequate?	Yes
Are the nomenclature and scientific terminology correct?	Yes

Are the references complete and recent?	Yes
Are the figures tables and graphics necessary ?	Yes
Are the figures tables and graphics clear?	Yes
Is the introduction part	sufficiently developed
Are the experimental procedures sound?	Yes
Is the results and discussion part	sufficiently developed
Is conclusion sufficient and correlated with the results ?	No
Is the information about the approval of ETHICAL COMMISSION presented ?	Not applicable

2. Reviewer	
Does the content and value of the work justify publication in Marmara Pharmaceutical Journal?	Yes
Does the title of the manuscript reflect the contents of the study ?	Yes
Are the keywords sufficient and appropriate ?	Yes
Is the summary concise and informative?	Yes
Is the text divided appropriately according to the article type?	Yes
Is the language adequate?	Yes
Are the nomenclature and scientific terminology correct?	Yes
Are the references complete and recent?	Yes
Are the figures tables and graphics necessary ?	Yes

Are the figures tables and graphics clear?	Yes
Is the introduction part	sufficiently developed
Are the experimental procedures sound?	Yes
Is the results and discussion part	sufficiently developed
Is conclusion sufficient and correlated with the results ?	No
Is the information about the approval of ETHICAL COMMISSION presented ?	Not applicable
3. Reviewer	
Does the content and value of the work justify publication in Marmara Pharmaceutical Journal?	Yes
Does the title of the manuscript reflect the contents of the study ?	Yes
Are the keywords sufficient and appropriate ?	Yes
Is the summary concise and informative?	Yes
Is the text divided appropriately according to the article type ?	Yes
Is the language adequate?	Yes
Are the nomenclature and scientific terminology correct?	Yes
Are the references complete and recent?	Yes
Are the figures tables and graphics necessary ?	Yes
Are the figures tables and graphics clear ?	Yes

Is the introduction part	sufficiently developed
Are the experimental procedures sound?	Yes
Is the results and discussion part	sufficiently developed
Is conclusion sufficient and correlated with the results ?	Yes
Is the information about the approval of ETHICAL COMMISSION presented?	No

Tanggapan Terhadap Komentar Reviewers

Response to Reviewers Comments

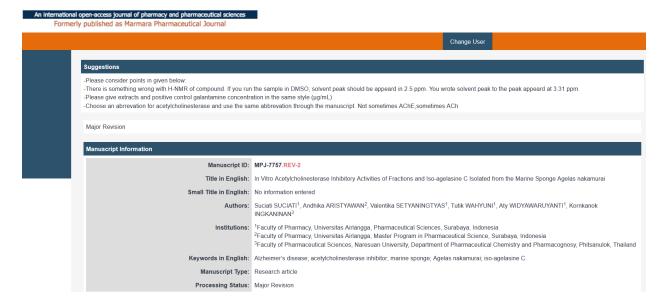
Manuscript Title: In Vitro Acetylcholinesterase Inhibitory Activities of Fractions and Isoagelasine C Isolated from the Marine Sponge *Agelas nakamurai*

Editor and Reviewer Comments

Reviewer Comments	Response
Please reduce similarity index of the paper.	We have tried to rewrite several sentences
Especially, some sentences are exactly same	indicated in yellow
with 'Suciati, Debora Poerwantoro, Aty Widyawaruyanti,Kornkanok Ingkaninan."	
Acetylcholinesterase inhibitory activity of	
extract and fractions from the root of (L.)	
Bth.ex Kurz ", Journal of Basic and Clinical	
Physiology and Pharmacology,	
2021'.Therefore, similarity to this paper should	
be reduced.	
The paper could be accepted although it has a	Thank you, we have added discussion on the
weak conclusion part.	potency of diterpene alkaloid as well as
	halimane diterpene as cholinesterase inhibitor
	Suggestion for further study such as
	modification of compound has been added
Authors have to statistical data using SPSS or	Statistical analysis was conducted by using
Graph Pad in table 1.	t-test this is already written in our original
	manuscript. This is to compare the IC ₅₀
	values of VLC 2 and VLC 3 whether it was
	significantly different or not. The statistical
	analysis was not carried out on the other
	data since it is for sure it is apparent that the
	data will be statistically different. Moreover,

	 the author is only focusing on the fractions with lower IC₅₀ values. Therefore, no changes were made to this section. Information on the statistical analyses have been added in the method
Authors have to positive control in Figures 1	Positive control (galantamine) has been added
and 2.	in Figures 1 and 2
Authors have to add spectra of NMR for	¹ H and ¹³ C NMR spectra were added as
isolated compounds.	supplementary material.
	Please note we submitted two types of files.
	Jpeg and pdf
Discussion is not enough, authors have to add	Discussion have been improved especially
new references to discuss the results.	on the AChE results
	New references have been added

Hasil Review tahap 2



Tanggapan terhadap Komentar Reviewers

Response to Reviewers Comments

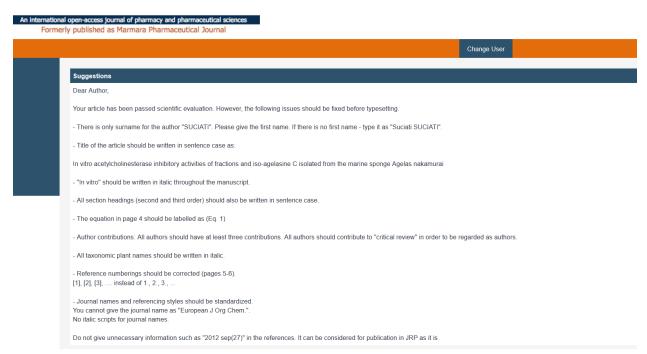
Manuscript Title: In Vitro Acetylcholinesterase Inhibitory Activities of Fractions and Isoagelasine C Isolated from the Marine Sponge *Agelas nakamurai*

Editor and Reviewer Comments

Reviewer Comments	Response
-There is something wrong with H-NMR of	• Thank you for the correction, yes the DMSO
compound. If you run the sample in DMSO,	peak should be at 2.5 ppm, while the peak at
solvent peak should be appeard in 2.5 ppm. You	3.31 ppm corresponding to residue of water
wrote solvent peak to the peak appeard at 3.31	in the sampel.

ppm.	Correction has been made to the 1H NMR spectrum provided in the supplementary material
-Please give extracts and positive control galantamine concentration in the same style ($\mu g/mL$)	 Thank you for correction yes, the concentration of galantamine should be in μg/mL instead of μM Correction has been made in the table 1 and the title of figures 1 dan 2
-Choose an abrrevation for acetylcholinesterase and use the same abbrevation through the manuscript. Not sometimes AChE, sometimes ACh	 ACh is for neurotransmitter acetylcholine whereas AChE is the the enzyme acetylcholinesterase No change has been made to the manuscript

Hasil Review Tahap 3



Tanggapan terhadap Komentar Reviewers

Response to Reviewers Comments

Manuscript Title: In Vitro Acetylcholinesterase Inhibitory Activities of Fractions and Isoagelasine C Isolated from the Marine Sponge *Agelas nakamurai*

Editor and Reviewer Comments

Reviewer Comments	Response
There is only surname for the author "SUCIATI". Please give the first name. If there is no first name - type it as "Suciati SUCIATI".	Author name has been revised as suggested

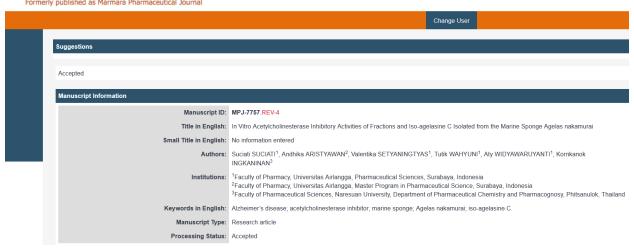
Title of the article should be written in sentence case as:	The title has been revised as suggested
In vitro acetylcholinesterase inhibitory activities of fractions and iso-agelasine C isolated from the marine sponge Agelas nakamurai	
"In vitro" should be written in italic throughout the manuscript.	The word "in vitro" has been written in italic
All section headings (second and third order) should also be written in sentence case.	 Second and third order section headings have been revised
The equation in page 4 should be labelled as (Eq. 1)	The equation has been labelled as suggested
Author contributions: All authors should have at least three contributions. All authors should contribute to "critical review" in order to be regarded as authors.	Author contribution section has been revised
All taxonomic plant names should be written in italic.	All taxonomic plant names have been revised written in italic
Reference numberings should be corrected (pages 5-6). [1], [2], [3], instead of 1., 2., 3.,	Reference numberings have been revised as suggested
Journal names and referencing styles should be standardized.	The abbreviation is obtained from pubmed. Therefore I kept it as it is
You cannot give the journal name as "European J Org Chem.".	Pub Med.gov Search Advanced User Guide
	Save Email Send to Display options > European J Org Chem. 2012 Sep;2012(27):5131-5135. doi: 10.1002/ejoc.201200572. Antifungal Diterpene Alkaloids from the Caribbean Sponge Agelas citrina: Unified Configurational Assignments of Agelasidines and Agelasines E Paige Stout ¹³ , Lily C Yu ¹³ , Tadeusz F Molinski ² Affiliations + expand PMID: 24653665 PMCID: PMC3957321 DOI: 10.1002/ejoc.201200572 Free PMC article
No italic scripts for journal names.	Journal name has been revised
Do not give unnecessary information such as "2012 sep(27)" in the references.	Has been revised

3. Acceptance Letter

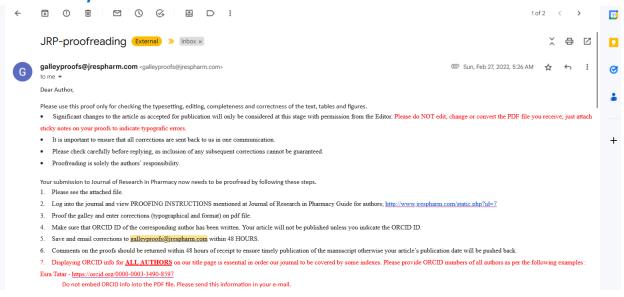


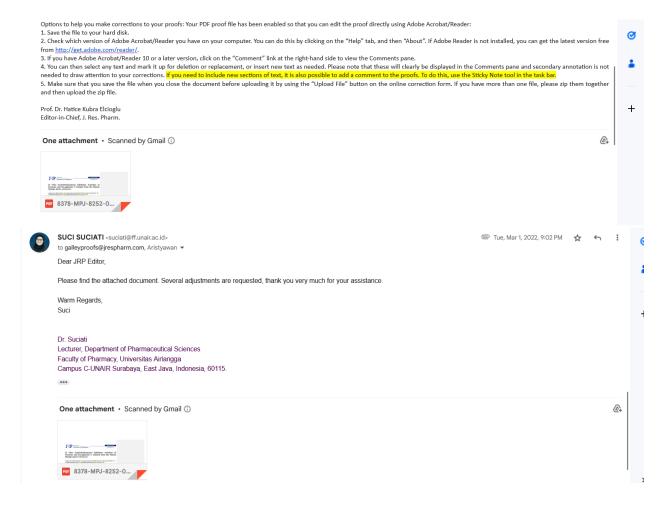
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4. Galley Proof





5. Artikel Diterbitkan

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ISSN: 2630-6344

Formerly published as Marmara Pharmaceutical Journa Author Guidelines Marmara Pharmaceutical Journal Journal of Research in Pharmacy 2022 , Vol 26 , Issue 2 ▼ Full Text PDF ► Similar Articles ► E-mail to Author ► How to Cite In vitro acetylcholinesterase inhibitory activities of fractions and iso-agelasine C isolated from the marine sponge Agelas nakamurai Andhika Dwi ARISTYAWAN¹, Valentika Fitria SETYANINGTYAS², Tutik Sri WAHYUNI², Aty WIDYAWARUYANTi², Kornkanok INGKANINAN⁴, Suciati SUCIATI² ¹Master Program in Pharmaceutical Science, Faculty of Pharmacy, Universitas Airlangga, Surabaya, 60115, East Java, Indonesia ²Department of Pharmaceutical Sciences, Faculty of Pharmacy, Universitas Airlangga, Surabaya, 60115, East Java, Indonesia ³Center for Natural Product Medicine Research and Development, Institute of Tropical Diseases, Universitas Airlangga, Surabaya, 60115. East Java, Indonesia ⁴Bioscreening Unit, Department of Pharmaceutical Chemistry and Pharmacognosy, Faculty of Pharmaceutical Sciences and Current Issue Center of Excellence for Innovation in Chemistry, Naresuan University, Phitsanulok, Thailand Articles in Press **DOI:** 10.29228/jrp.126