## Your Submission

Inbox



Annals of Medicine and Surgery <em@editorialmanager.com> Mon, Jan 24, 2022, 6:42 PM

to me

Ms. Ref. No.: AMSU-D-22-00044

Title:

The Effect of Progesteron for Expression delta ( $\delta$ ) Opioid Receptor Spinal Cord after Perpheric Neurophatic Lesion Annals of Medicine and Surgery

Dear Dr Rosyidi,

The reviewers have commented on your above paper. They indicated that it is not acceptable for publication in its present form.

However, if you feel that you can suitably address the Managing Editor (if applicable) and Reviewer(s) comments (included below), I invite you to revise and resubmit your manuscript.

Please carefully address the issues raised in the comments.

If you are submitting a revised manuscript, please also:

a) outline each change made (point by point) as raised in the reviewer comments

### AND/OR

- b) provide a suitable rebuttal to each reviewer comment not addressed
- c) Supply a revised manuscript with track changes Your revised manuscript with track changes added or your revisions highlighted in bold/red.
- d) Supply a revised manuscript un-tracked A clean unmarked copy of your revised manuscript.

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- 4. Click [Submissions Needing Revision]

I look forward to receiving your revised manuscript.

Yours sincerely,

Dr Riaz Agha Editor-in-Chief Annals of Medicine and Surgery

Editor and Reviewer comments

### Editor

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and please submit a completed ARRIVE checklist stating the page numbers where you completed each item (your work will be returned if this is not done).

Please also ensure your methods section states that the work has been reported in line with the ARRIVE statement and cite the paper above.

- 2) Please ensure your methods section states that the work has been reported in line with the ARRIVE statement and cite the paper above.
- 3) Please go through your paper and proofread it to correct spelling, grammar and syntax errors. If you need our author support services, you can access them here: https://www.ijspq.com/services/author-support
- 4). Please add the following statement above references:

Provenance and peer review Not commissioned, externally peer-reviewed

Reviewer #1: This paper discusses the pathogenesis of peripheral neuralgia, and the

topic is novel, but the overall structure of the article is chaotic and the experiment is too simple, which needs to be greatly modified:

- 1. The structure of the article is chaotic. Some paragraphs in the results and discussion should be placed in the method. It is suggested that the author invite professionals to modify it
- 2. The title seems to have typos, and the abstract layout is very chaotic. Please proofread it carefully
- 3. It is suggested that the author add detailed information such as drug manufacturer and dosage form

Reviewer #2: Dear Authors

A very interesting paper and looking through pubmed, it appears it is a growing area of research.

https://www.frontiersin.org/articles/10.3389/fnmol.2020.00052/full https://www.frontiersin.org/articles/10.3389/fphar.2018.01127/full

The paper does need revision as it is not clear, did the mice have lesions on their peripheral nerves or was it just through nociceptive stimulation? The authors do talk about "peripheral neuropathic lesions" but do not explain how this has occurred except in the discussion - "before performed chronic constriction injury was". It would be helpful to elaborate in the methods about this. Again only in the methods "Mice pain response is indicated by the reaction of mice in the form of squeaking, licking legs, struggling, or pulling the foot opposite the examined foot (contralateral)." It would change the title of the paper, perhaps to just

"The Effect of Progesteron for Expression delta ( $\delta$ ) Opioid ReceptorSpinal Cord thro ugh preripheral nerve injury." I understand the authors are trying to ascertain whether the receptor subtype up-regulates with administration of Progesterone and eliciting pain, then this would be an interesting study. Please accept my apologies if I have

understood this.

In the results would be important to state the mice gender unless this was controlled in the analysis.

The limitations make a point "This has a subjective tendency because it depends on the experience of the pathologist. Another technique that might be used is to enter the pathology image in the form of digital photos which are then read in a computer program so as to reduce subjectivity, using immunofluorescence ortechniques in situ hybridization." -> well this opens up for a bigger study using more mice as 12 is too small a sample size to be meaningful.

The 3rd paragraph from the introduction should be in the discussion as well as the 2nd/3rd sentence in the last paragraph of the results.

A good paper, some revision required to make it clearer.

Thank you.

\*\*\*\*\*\*\*\*\*\*\*

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Annals of Medicine and Surgery <em@editorialmanager.com> Mon, Jan 24, 2022, 6:51 PM

to me

Ms. Ref. No.: AMSU-D-22-00004

Title: Role of MLC901 in reducing vascular permeability in rats with spinal cord injury Reviewer #1: the subject is very limited only ten rats, if you think it is hard to do the treatment to make a spinal injury in rats you should change the animals. you can use like rabbits, and make a bigger number of subjects. so we can not make any conclusions to this such this limited subjects, we know from the beginning VGEF kind like antiapoptotic effects on endothelial cell and increase vascular permeability, using MLC 901 to maintain the level of VGF is a very good idea, but it should have a basic good research with the bigger population subjects.

Reviewer #3: 1. Spinal cord injury is a serious disease, and its treatment has always been a hot issue

- 2. It is suggested that the background part of the abstract of this paper be completely revised, which is seriously inconsistent with the title
- 3. What is the sample size of this paper? In addition, I don't think the results of this paper can support the conclusion. It is suggested that the author supplement the experimental content and carefully proofread the content of the article
- 4. The author did not carefully check the article according to the guide The ARRIVE guidelines 2.0. Please check it carefully

5. The key words neuroprotective, neurogenesis in the article seem to be inconsistent with the article

Reviewers' and Managing Editor comments Managing Editor

Please can you make the following changes:

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https://www.nc3rs.org.uk/arrive-guidelines and please submit a completed ARRIVE checklist stating the page numbers where you completed each item (your work will be returned if this is not done).

Please also ensure your methods section states that the work has been reported in line with the ARRIVE statement and cite the paper above.

### Answer:

Thanks Sir. I've added it to the manuscript, reference and attachment the ARRRIVE guideline

2) Please ensure your methods section states that the work has been reported in line with the ARRIVE statement and cite the paper above.

## Answer:

Thanks Sir. I've added it to the manuscript, reference and attachment the ARRRIVE guideline

3) Please go through your paper and proofread it to correct spelling, grammar and syntax errors. If you need our author support services, you can access them here: https://www.ijspg.com/services/author-support

### Answer:

Thanks Sir, has been checked by an English linguist

4). Please add the following statement above references:

Provenance and peer review
Not commissioned, externally peer-reviewed
Answer:
Thanks Sir. I've added it to the Disclosures
Reviewer

Reviewer #1: This paper discusses the pathogenesis of peripheral neuralgia, and the topic is novel, but the overall structure of the article is chaotic and the experiment is too simple, which needs to be greatly modified:

- 1. The structure of the article is chaotic. Some paragraphs in the results and discussion should be placed in the method. It is suggested that the author invite professionals to modify it
- 2. The title seems to have typos, and the abstract layout is very chaotic. Please proofread it carefully
- 3. It is suggested that the author add detailed information such as drug manufacturer and dosage form

## Answer:

- 1. Thanks Sir. I've canged in manuscripts
- 2. Thanks Sir. I've changed the background part of the abstract.
- 3. Thanks Sir. I've canged in drug treatment, page 04 in manuscript
- 4. Thanks Sir. It has been checked carefully and has been corrected according to the guide of ARRIVE Guideline 2.0 and I've added it to the manuscript.

## Reviewer #2: Dear Authors

A very interesting paper and looking through pubmed, it appears it is a growing area of research.

https://www.frontiersin.org/articles/10.3389/fnmol.2020.00052/full https://www.frontiersin.org/articles/10.3389/fphar.2018.01127/full

The paper does need revision as it is not clear, did the mice have lesions on their peripheral nerves or was it just through nociceptive stimulation? The authors do talk about "peripheral neuropathic lesions" but do not explain how this has occurred except in the discussion - "before performed chronic constriction injury was". It would be helpful to elaborate in the methods about this. Again only in the methods "Mice pain response is indicated by the reaction of mice in the form of squeaking, licking legs, struggling, or pulling the foot opposite the examined foot (contralateral)." It would change the title of the paper, perhaps to just "The Effect of Progesteron for Expression delta ( $\delta$ ) Opioid Receptor Spinal Cord through preripheral nerve injury." I understand the authors are trying to ascertain whether the receptor subtype upregulates with administration of Progesterone and eliciting pain, then this would be an interesting study. Please accept my apologies if I have understood this.

In the results would be important to state the mice gender unless this was controlled in the analysis.

The limitations make a point "This has a subjective tendency because it depends on the experience of the pathologist. Another technique that might be used is to enter the pathology image in the form of digital photos which are then read in a computer program so as to reduce subjectivity, using immunofluorescence ortechniques in situ hybridization." -> well this opens up for a bigger study using more mice as 12 is too small a sample size to be meaningful.

The 3rd paragraph from the introduction should be in the discussion as well as the 2nd/3rd sentence in the last paragraph of the results.

A good paper, some revision required to make it clearer.

Thank you.

Answer:

1. Thanks Sir. I've canged in title of manuscripts, according to your idea

2. Thanks Sir. I've canged in manuscripts

**Date:** Feb 10, 2022

**To:** "Rohadi Muhammad Rosyidi" rha.ns2010@gmail.com

From: "Annals of Medicine and Surgery" annalsjournal@elsevier.com

**Subject:** Your Submission

Ms. Ref. No.: AMSU-D-22-00044R1

Title: The Effect of Progesteron for Expression delta (δ) Opioid Receptor Spinal Cord

T hrough P eripheral N erve I njury Annals of Medicine and Surgery

Dear Dr Rosyidi,

I am pleased to inform you that your paper "The Effect of Progesteron for Expression delta ( $\delta$ ) Opioid Receptor Spinal Cord T hrough P eripheral N erve I njury" has been accepted for publication in Annals of Medicine and Surgery.

This journal is fully open access; all articles will be immediately and permanently free for everyone to read and download. To provide Open Access, this journal has a publication fee which needs to be met by the authors or their research funders. In the next few days, you will be receiving information via email to allow you to choose one of the CC license options, providing funding information and a link to our payment system.

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Dr Riaz Agha Editorial Office Annals of Medicine and Surgery \*\*\*\*\*\*\*\*\*\*\*

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Phone: not available Fax: not available

E-mail: rha.ns2010@gmail.com

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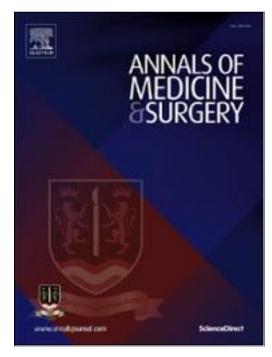
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Rohadi Abu Faiz <rha.ns2010@gmail.com>

Sat, Feb 12, 2022, 8:28 AM

to Arivalagan, corrections.esch

Dear A Achuthan Data Administrator Elsevier

E-Mail: A.Achuthan@elsevier.com

This is Final Manuscript Thanks

Correction:

Figure 1 and 2...online: Introduction -----> Results

## 1. Introduction

The incidence of peripheral nerve injury in the United States annually ranges from 200,000 to 400,000 people [1,2]. In the European Union, there are about 300,000 spinal cordinjuries with 11,000 new cases each year. Epidemiological studies suggest that about two-thirds of spinal cord injury cases suffer from chronic pain and one-third of these suffer from severe chronic pain [3] (see Fig. 1, Fig. 2).

---->

Results

By using statistical analysis of two independent samples (t test) the t value was obtained at 6.880, p = 0.000 (p <0.05). So there was a significant difference in the expression of opioid receptors between the control group and the progesterone group. It can be concluded that the administration of progesterone has a positive effect on the expression of delta ( $\delta$ )-opioid receptors.(Figure 1 and Figure 2)

## 2 Attachments • Scanned by Gmail



Rohadi Abu Faiz <rha.ns2010@gmail.com>

Sat, Feb 12, 2022, 9:17 AM

to Arivalagan, corrections.esch

Dear A Achuthan Data Administrator Elsevier

E-Mail: A.Achuthan@elsevier.com

Dear A. Achuthan

This second Revision in Material and methods

1. Unit The experimental unit was male wistar rats aged  $\pm$  3 months in the Animal Laboratory, Department of Medical Biochemistry, Faculty of Medicine, Airlangga University. Replication of **each group was 8. These 16 experimental** units in the form of male wistar rats aged approximately three months with initial body weight ranging from 152-190 grams, the drop out rate was 25% (4 individuals). The left sciatic nerve was exposed by bluntly splitting the biceps femoris muscle under aseptic procedures and anesthesia with ketamine (40 mg/kg intraperitoneally). Using chromic cat gut 3.0 thread, the nerve was isolated from the surrounding tissue and lightly tied (the sciatic nerve was tied with a needle and the needle was removed) (reg. A.G.127.2 produced by ethicon). Fastening is done in four spots, each separated by one millimeter

2.

Correction factor

In anticipation of the experimental unit missing (drop out), a correction factor of 20% is used so that the number of replications per group becomes 7.55–8. So, the total replication is 16 mice. Then the mice were put into a complete randomized treatment group.

3.

Number of replication

The number of replications per group was six mice with two treatment groups so that the experimental unit needed was 16 animals. Replication per group was obtained using the Federer formula (1955) and a correction factor of 20% using the Higgins and Klimbaum formulas. Determination of the correction factor of 20%, based on pre-liminary research

because at the end of the preliminary study, no experimental animals were found to drop out or die, and in this study also no experimental animals were found to drop out or die.

This is Final Manuscript Thanks

2 Attachments · Scanned by Gmail



**Roh** Mon, Feb 14, 2022, **adi** 1:52 PM

4

Abu Fai

Z

Dear A Achuthan Data Administrator Elsevier E-Mail: A.Achuthan@elsevier.com Dear A. Achuthan methods 1. Unit The experimenta



**Achut** Tue, Feb 15, 2022, 9:10 PM

han,

Arival

agan

(ELS-

CON)

Kind regards, Uma (on behalf of Arivalagan Achuthan) Sent: 14 February 2022 11:22 Subject: Re:



Achuthan, Arivalagan (ELS-CON) < A.Achuthan@elsevier.com > Fri, Feb 18, 2022, 7:30 AM

to me

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Kind regards,
Siva (on behalf of Arivalagan Achuthan)
Data Administrator
Elsevier
E-Mail:A.Achuthan@elsevier.com

From: Corrections (TNQ) <corrections.tnq@elsevier.com>

Sent: 16 February 2022 22:32

To: Achuthan, Arivalagan (ELS-CON) < A.Achuthan@elsevier.com >

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From: Rohadi Abu Faiz < <a href="mailto:rha.ns2010@gmail.com">rha.ns2010@gmail.com</a>>
Sent: Monday, February 14, 2022 11:22 AM
To: Achuthan, Arivalagan (ELS-CON)

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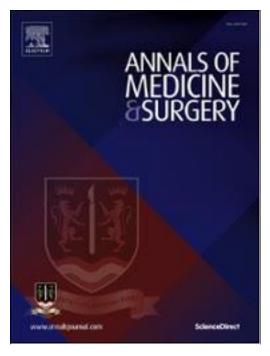
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