



mahardian rahmadi &lt;mahardianr@ff.unair.ac.id&gt;

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## Research Results in Pharmacology: Manuscript Submission #82242 Acknowledgement

1 message

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**Research Results in Pharmacology** <rrpharmacology@pensoft.net>

Mon, Feb 14, 2022 at 11:42 PM

To: mahardianr@ff.unair.ac.id

Cc: journals@pensoft.net

Dear Mahardian Rahmadi:

Thank you for submitting the manuscript #82242 "Bisacodyl Overcomes Morphine-Induced Constipation by Decreasing Colonic Aquaporin-3 and Aquaporin-4 Expression" to Research Results in Pharmacology. You can keep track of its progress through the manuscript's URL:

<https://goto.arphahub.com/8hgvlkug5lwX>

You can also view all manuscripts with which you are associated either as submitting author, or reviewer, or editor by clicking on the [My tasks](#) button on the journal's homepage, after login.

Thank you for considering Research Results in Pharmacology as the venue for your work.

Research Results in Pharmacology Editorial office

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mahardian rahmadi &lt;mahardianr@ff.unair.ac.id&gt;

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## Research Results in Pharmacology: Manuscript #82242: Review Process Completed (Major revisions)

1 message

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**Research Results in Pharmacology** <rrpharmacology@pensoft.net>  
To: mahardianr@ff.unair.ac.id

Tue, Apr 12, 2022 at 3:57 PM

Dear Mahardian Rahmadi:

We are pleased to inform you that the review process for your manuscript #82242 "[Bisacodyl Overcomes Morphine-Induced Constipation by Decreasing Colonic Aquaporin-3 and Aquaporin-4 Expression](#)" has been completed and the editorial decision is: Major revision.

The revised version should be submitted as manuscript text in DOC, DOCS, ODF or RTF formats corrected by using Track Changes tools. Additional or supplementary files, figures and references can also be added or replaced at this point.

Authors must address all critiques of the referees in a response letter to the editor and submit it along with the revised manuscript through the online editorial system. Please copy all comments into one document and add your response behind each critique using different formatting to allow easy following of your response. In case a response letter is not submitted by the authors, the editor has the right to reject the manuscript without further evaluation.

We expect your revised version within 10 days, by 22/04/2022, if not sooner. Please kindly inform us if you will need more time to submit the revised version.

Once again, thank you for choosing Research Results in Pharmacology as the venue for your work

Research Results in Pharmacology Editorial office

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mahardian rahmadi &lt;mahardianr@ff.unair.ac.id&gt;

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## Research Results in Pharmacology: Manuscript #82242: Copy Editing Completed

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Research Results in Pharmacology <rrpharmacology@pensoft.net>  
To: mahardianr@ff.unair.ac.id

Mon, Oct 24, 2022 at 4:42 AM

Dear Mahardian Rahmadi:

This is an automated message to inform you that the copy editing process of your manuscript #82242 "[Bisacodyl Overcomes Morphine-Induced Constipation by Decreasing Colonic Aquaporin-3 and Aquaporin-4 Expression](#)" has been completed.

Please carefully check and respond to the Copy editor's comments and corrections, if any, and confirm through the online editorial system that the manuscript is ready for layout within 3 days, by 27/10/2022, if not sooner.

Research Results in Pharmacology Editorial office

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mahardian rahmadi &lt;mahardianr@ff.unair.ac.id&gt;

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## Research Results in Pharmacology: Manuscript #82242: Copy Editing Completed

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mahardian rahmadi &lt;mahardianr@ff.unair.ac.id&gt;

Wed, Oct 26, 2022 at 1:24 PM

To: Research Results in Pharmacology &lt;rrpharmacology@pensoft.net&gt;

Dear Editor of Research Results in Pharmacology Journal

Thank you for your email. We already carefully check and give a response to the Copy editor's comments and corrections as the attached documents below. Herewith we attached our newest version of the manuscript and the Supplementary file based on review.

We thank you for giving us the opportunity to publish our research on the Research Results in Pharmacology journal. Please let us know if there are any inquiries regarding the finalization of the manuscript.

Sincerely,

**Mahardian Rahmadi**

Department of Clinical Pharmacy

Faculty of Pharmacy

Airlangga University

Address: Jl. Dharmawangsa Dalam, Surabaya, Indonesia, 60286

Phone: +62-31-5033710

Web:[ff.unair.ac.id](http://ff.unair.ac.id)Alt email: [mahardianr@gmail.com](mailto:mahardianr@gmail.com)

[Quoted text hidden]

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### 2 attachments

**A\_Suppl.\_Material\_-\_Figure\_S1.docx**

5131K

**(Revised) 82242\_1C-1-CE\_Article.doc**

5995K



mahardian rahmadi &lt;mahardianr@ff.unair.ac.id&gt;

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**Research Results in Pharmacology: Submission #82242: 1st PDF Proof Uploaded**

2 messages

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**Research Results in Pharmacology** <rrpharmacology@pensoft.net>  
To: mahardianr@ff.unair.ac.id

Sat, Nov 5, 2022 at 12:00 AM

Dear Mahardian Rahmadi:

The proof (in PDF format) of your manuscript #82242 "[Bisacodyl overcomes morphine-induced constipation by decreasing colonic Aquaporin-3 and Aquaporin-4 expression](#)" has been uploaded on the Research Results in Pharmacology website for checking.

Please read through the proof carefully and mark all errors by using Sticky Note and Text Edit tools of Acrobat. Alternatively, you could upload a list of your corrections in a text file (e.g. DOC or RTF), specifying the exact page, paragraph and line of each correction and suggested text for replacement. Sending a list of corrections through email is possible, but not encouraged as it may cause unnecessary delay in processing your manuscript.

We expect an upload of your corrections on the journal's website within 3 days, by 07/11/2022, if not sooner. Please kindly inform us if you need more time for checking the proofs.

Research Results in Pharmacology Editorial office

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**mahardian rahmadi** <mahardianr@ff.unair.ac.id>  
To: Research Results in Pharmacology <rrpharmacology@pensoft.net>

Sat, Nov 5, 2022 at 6:04 PM

Dear Editor,

Thank you for your confirmation

We have read the proof. We do not have any further corrections to make and agree for my paper to be published as it is.

We thank you for giving us the opportunity to published our work in your journal.

Sincerely,

**Mahardian Rahmadi**

Department of Clinical Pharmacy

Faculty of Pharmacy

Airlangga University

Address: Jl. Dharmawangsa Dalam, Surabaya, Indonesia, 60286

Phone: +62-31-5033710

Web:[ff.unair.ac.id](http://ff.unair.ac.id)Alt email: [mahardianr@gmail.com](mailto:mahardianr@gmail.com)

[Quoted text hidden]



mahardian rahmadi &lt;mahardianr@ff.unair.ac.id&gt;

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## Research Results in Pharmacology: Submission #82242: Manuscript Published

1 message

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**Research Results in Pharmacology** <rrpharmacology@pensoft.net>  
To: mahardianr@ff.unair.ac.id

Thu, Nov 17, 2022 at 10:48 PM

Dear Mahardian Rahmadi:

We are pleased to inform you that your paper #82242 "[Bisacodyl overcomes morphine-induced constipation by decreasing colonic Aquaporin-3 and Aquaporin-4 expression](#)" was published in Research Results in Pharmacology, doi: 10.3897/rrpharmacology.8.82242. Thank you for choosing Research Results in Pharmacology as a publication venue for your work!

We suggest that you help us increase the visibility of your study and thereby boost its citations and impact by sharing it on social media (i.e. Twitter, Facebook, Mendeley etc.), ideally using both your own and your institution's channels. Information and suggestions on how to promote your work to the international scientific audience and wider public can be found on our [website](#) and will also follow up in a separate email.

To keep yourself updated about research published in your scientific field, you can set up email alerts for Research Results in Pharmacology via this [link](#) or through your user profile. You can change the research topics, journals or frequency of these email alerts anytime.

Leave us a review in the following [link](#).

Research Results in Pharmacology Editorial office

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Mahardian Rahmadi



# Research Results in Pharmacology

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[Pending](#)

## My manuscripts

Active	0
Published	1
Rejected	0
Incomplete	0
Uploaded	0

## Submission #82242

[Current status](#)[Metadata](#)[Suppl. files \(0\)](#)

### Bisacodyl overcomes morphine-induced constipation by decreasing colonic Aquaporin-3 and Aquaporin-4 expression

**Mahardian Rahmadi**, *Chrismawan Ardianto*, *Ahmad D. Nurhan*, *Rafiq A. Chasanah*, *Dewi I. Krismonika*, *Arina D. Puspitasari*, *Budi Suprapti*, *Santhra Segaran*, *Chia-Wei Phan*, *Junaidi Khotib*

Article type: *Research Article* Type of review: Conventional peer review

Subject area

## Review round 1

### Review version

[Manuscript file](#)[Show more files](#)

### Manuscript files

[Figure 1\\_](#)

## Reviewer(s)

Reviewer 1

Minor revision

Review:

The review is attached

[show less](#)

16 Mar 2022

Reviewer 2

Minor revision

Review:

Уважаемый редактор, файл с комментариями во вложении.

[show less](#)

12 Apr 2022

This website uses cookies in order to improve your web experience. Read our [Cookies Policy](#) **OK**

## Editorial decision

Tatyana Pokrovskaia

Major revision

Review: 

12 Apr 2022

Dear Authors,

I received reviews of the article and ask you to make changes in the design the article in accordance with the comments provided in the article file, as well as in a separate review.

Additionally, we ask you to fill out a small message on the article for the journal's twitter, which will be published when the article is published on the journal's website. The message should be short (maximum number of characters - 280), reflect the essence of the article, understandable to an unprepared reader and be accompanied by an informative picture.

I am sending a link to the magazine's website on the social network and a sample design:

<https://twitter.com/RRPharmacology/status/1257330858421297155>

<https://twitter.com/RRPharmacology/status/1275013158793592833>

We invite you to consider the possibility of drawing up a graphic abstract. Examples of the design of graphic annotations in our journal.

<https://rrpharmacology.pensoft.net/article/57883/>

<https://rrpharmacology.pensoft.net/article/53633/> .

Best wishes,

Editorial Board RRP

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### Review round 2

#### Author's revised files

[Revised Version - Manuscript](#)

[Graphical Abstract and a small message on the article for the journal's twitter](#)

[Suppl. Material - Figure S1](#)

[Authors' Responses to Reviewers' and Editor's Suggestions](#)

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Author comments: 



Thank you for giving us the opportunity to submit a revised draft of our manuscript titled "Bisacodyl Overcomes Morphine-Induced Decreasing Colonic Aquaporin-3 and Aquaporin-4 Expression" to the *Research Results in Pharmacology* journal. Thank you for taking our manuscript. We have addressed all the concerns raised by the reviewers and editor. Herewith we describe our response to the reviewers' comments and concerns:

#### Reviewer 1

##### Comment:

The authors presented thoroughly conducted State-of-the-Art study which definitely could be of interest for clinicians and researchers. The manuscript is well written and transparent, data were processed correctly. However, I have some concerns to be acceptable. The biggest one is the use of end-point PCR instead of real-time PCR which seems inappropriate for assessment of mRNA levels (I will find the limitations of end-point PCR in gene expression analysis). Because the expression of aquaporins genes is crucial for the research the authors should provide novel data obtained with use of appropriate technology. In advance, I also can recommend the authors to calculate data according to formula  $2^{-\Delta\Delta Ct}$  (CtHKG-CtGOI) and visualize it as normalized heatmap rather than plots. Furthermore, the authors should specify if the primers have been used for reverse transcription, because GoScript™ Reverse Transcription System contains both Oligo(dT) and random primers (if suppose primers were Oligo(dT), but it needs to be clarified).

Additionally, could you kindly provide the description of feces collection protocol? Finally, you might insert some representative photos of feces with high and low water content, but it is optional.

##### Response to the comment:

Thank you for the suggestion. Indeed, using real-time PCR can be obtained more accurate, precise, and quantitative gene expression data. The point PCR band data obtained in this study are very convincing (band-to-band, group-to-group, and total sample per group) that expression of AQP3 and AQP4, and bisacodyl decreases the expression of AQP3 and AQP4 induced by morphine. Thus, we performed calculations with end-point PCR (especially regarding the novel data we found using optimized thermal cycler/amplification conditions). Visually visible difference in the end-point PCR band data between groups (without any semi-quantitative calculations), the data are certainly valid and conclusive so that the data can be used for decision making. Of course, the findings of our present studies are for exploratory purposes. However, we have added some explanations in the manuscript to address your concerns. Please see pages 24-25 in the Results section.

Furthermore, we have added some explanation regarding which primer has been used for reverse transcription. Please see page 24 in the Reverse Transcription PCR section.

In addition, we have described the feces collection protocol. Please see page 6 in the Assessment of Acute Morphine-Induced Constipation. We have added explanation sentences (please see pages 11 and 15 in the Results section) and provided representative photos of feces with high and low water content (Suppl. material 1: Figure S1) to address the reviewer's concerns.

#### Reviewer 2

· **Comment 1:** Add information: postal address of the organization

o **Response to the comment 1:** Thank you for pointing this out. We have added the postal address of the organization to address the reviewer's concerns.

· **Comment 2:** Write the section "Abstract" in the form of a structure.

##### Introduction:

##### Materials and methods:

##### Results:

##### Discussion:

##### Conclusion:

o **Response to the comment 2:** Thank you for this comment. We have changed the section "Abstract" in the form of a structure to address the reviewer's concerns.

· **Comment 3:** add the number of the protocol of the ethics committee and the date of its approval.

o **Response to the comment 3:** Thank you for pointing this out. We have added the number of the protocol of the ethics committee and the date of its approval as the reviewer suggested.

· **Comment 4:** Add a section «Author contributions». Indicate Surname, Name, title, position, place of work with full postal address (house, city, country), e-mail, ORCID, contribution of each author.

o **Response to the comment 4:** Thank you for pointing this out. We have added a section «Author contributions» as the reviewer suggested.

**Editor****Comment:**

Dear Authors,

I received reviews of the article and ask you to make changes in the design of the article in accordance with the comments provided in a separate review.

Additionally, we ask you to fill out a small message on the article for the journal's twitter, which will be published when the article is on the journal's website. The message should be short (maximum number of characters - 280), reflect the essence of the article, under reader and be accompanied by an informative picture.

I am sending a link to the magazine's website on the social network and a sample design:

<https://twitter.com/RRPharmacology/status/1257330858421297155>

<https://twitter.com/RRPharmacology/status/1275013158793592833>

We invite you to consider the possibility of drawing up a graphic abstract. Examples of the design of graphic annotations in our journal are available at the following links:

<https://rrpharmacology.pensoft.net/article/57883/>

<https://rrpharmacology.pensoft.net/article/53633/>

**Response to the comment:** Thank you for this opportunity. We have changed and revised the article to address the comments of reviewers. We also provide an informative graphic abstract accompanied by a caption, reflecting the article's essence to fulfill your requirements.

We would like to thank the referee again for taking the time to review our manuscript. We look forward to hearing from you in your next submission and to respond to any further questions and comments you may have.

Best regards,

Mahardian Rahmadi

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## Editorial decision

Tatyana Pokrovskaya

Accept

Review: 

4 Oct 2022

Dear Authors,


article accepted for publication. We ask you to agree on the corrections for the design of the article. After your approval, we will send the article to the proofreader of the English text.

Thank you!

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### Copy editing 1

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**Author's revised files** [Edit](#)[revised MS](#)Author comments: 

Dear Editor and Reviewer,

Thank you for giving us the opportunity to publish our manuscript titled "Bisacodyl Overcomes Morphine-Induced Constipation Aquaporin-3 and Aquaporin-4 Expression" to the **Research Results in Pharmacology** journal. Thank you for taking the time to have addressed all the concerns raised by the reviewers and editor. Herewith we attached our revised version of our manuscript and editor's concerns.

We would like to thank the referee again for taking the time to review our manuscript. We look forward to hearing from you in d submission and to respon to any further questions and comments you may have.

Best regards,

Mahardian Rahmadi

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## Copy editor

Olesya Viktorovna Serkina 24 Oct 2022



See to the comments throughout the paper

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### Layout editor 1

**Author's revised files** [Edit](#)[Supplementary Materials](#)[Article](#)[Graphical Abstract](#)[Figure\\_1](#)[Figure\\_2](#)[Figure\\_3](#)[Figure\\_4](#)[Figure\\_5](#)[Figure\\_6](#)[Figure\\_7](#)[Figure\\_8](#)[Figure\\_9](#)[Figure\\_10](#)[Show fewer files](#)

Thank you for your suggestions. We already carefully check and give a response to the Copy editor's comments and corrections below. Herewith we attached our newest version of the manuscript and the Supplementary file based on review.

We thank you for giving us the opportunity to publish our research on the Research Results in Pharmacology journal.

Please let us know if there are any inquiries regarding the finalization of the manuscript.

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## Layout editor

Polina Petrakieva

4 Nov 2022



Proof 1.

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