

## TANGGAPAN ATAS HASIL REVIEW

Penilaian Usulan Kenaikan Pangkat dan Jabatan akademik menjadi Profesor / Guru Besar a.n. Dr. Retno Sari., M.Sc., Apt.

### Kesimpulan :

1. Belum disetujui karena kum karya ilmiah (penelitian) kurang. Pengusul perlu menambah karya ilmiah yang dipublikasikan di jurnal bereputasi internasional terindeks Web of Science (jurnal berimpact factor).
2. Artikel-artikel yang diklaim sebagai penulis korespondensi perlu dilengkapi dengan bukti korespondensi.

### Solusi :

1. Pengusul perlu menambah karya ilmiah yang dipublikasikan di jurnal bereputasi internasional terindeks Web of Science (jurnal berimpact factor).
2. Artikel-artikel yang diklaim sebagai penulis korespondensi perlu dilengkapi dengan bukti korespondensi.

### Tanggapan :

NO BUKTI	JUDUL ARTIKEL	MASUKAN REVIEWER	TANGGAPAN	LAMPIRAN
C 07	Improving solubility and dissolution of meloxicam by solid dispersion using hydroxypropyl methylcellulose 2910 3 cps and nicotinamide, Penulis: Ana Fathanah (1), Dwi Setyawan (2), Retno Sari* (3), Nama Jurnal: Journal of Basic and Clinical Physiology and Pharmacology, Volume Jurnal: 30, Nomor Jurnal: 6, Tahun Terbit Jurnal: 2019, Halaman: 1-8, ISSN: 2191-0286, Penerbit: Walter de Gruyter GmbH, SJR: 0.36':	Penulis korespondensi	Terdapat bukti korespondensi	Bukti korespondensi Lampiran C 07

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**JBCPP.2019.0249 - DecisionRevise with Minor Modifications**

1 message

**Journal of Basic and Clinical Physiology and Pharmacology**

Thu, Oct 3, 2019 at 12:39

&lt;onbehalf@manuscriptcentral.com&gt;

PM

Reply-To: jbcpp.editorial@degruyter.com

To: retno-s@ff.unair.ac.id

03-Oct-2019

Dear Dr. Sari:

Thank you again for submitting your manuscript ID JBCPP.2019.0249 entitled "Solid Dispersion for Improving Solubility and Dissolution of Meloxicam-HPMC 3cps-Nicotinamide" to Journal of Basic and Clinical Physiology and Pharmacology (JBCPP). Your manuscript has been reviewed and requires minor modifications prior to acceptance. The comments of the reviewer(s) are included at the bottom of this letter.

I invite you to respond to the reviewer(s)' comments and revise your manuscript.

To revise your manuscript, log into <https://mc.manuscriptcentral.com/jbcpp> and enter your Author Center, where you will find your manuscript title listed under "Manuscripts Awaiting Revision". Under "Actions", click on "Create a Revision". Your manuscript number has been appended to denote a revision.

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The revised paper needs to be submitted within 6 weeks from now.

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1. a point-by-point reply to the reviewers' comments
2. and/or a rebuttal against each point that is being raised

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You will be unable to make your revision on the originally submitted version of the manuscript. Instead, revise your manuscript and save it on your computer. Please send in a clear corrected version of your manuscript according to the reviewers as well as a format in which you highlight the changes to your manuscript within the document by using underlined or colored text.

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Your original files are available to you when you upload your revised manuscript. You may delete these files or keep them. Please pay attention to the order of your uploaded files; the first one is the reply to the reviewer(s)' comments, followed by the revised manuscript, and, if applicable, Tables and Figures, and Supplementary Material. If you decide to keep the original files, these must be the last ones in the order of your uploaded files.

Once again, thank you for submitting your manuscript to JBCPP. I look forward to receiving your revision.

Kind regards

Dr. Chrismawan Ardianto

Guest Editor, Journal of Basic and Clinical Physiology and Pharmacology

## Reviewer(s)' Comments to Author:

Reviewer: 1

## Comments to the Author

Dear Author,

This manuscript provides useful information regarding the use of solid dispersion system for modifying drug's properties. The addition of HPMC and Nicotinamide successfully enhanced solubility and dissolution of meloxicam. The manuscript has been generally well written and this work is interesting and original idea. However, there are some parts need for revision to clarify its meaning and improve the paper's quality

1. The manuscript should be proofread to ensure the correct use of English and to avoid misspellings.
2. The title has an ambiguous meaning since it was written "dissolution of meloxicam-HPMC etc" not meloxicam itself. Moreover, the studies performed DTA, FTIR, SEM analysis, not only solubility and dissolution study, so it would be better if the title is more in general term
3. In the introduction, the use of HPMC-Nicotinamide for improving drug solubilities has been stated. What is the correlation between the previous studies with this work? It would be good if it is more explicitly stated here.
4. Why did the solubility study was performed at the temperature of 28°C?
5. Please indicate a statistical difference in the figures and there is no need to write it in the manuscript text.
6. Please correct the writing of cps
7. Is there any significant difference between the physical mixture and solid dispersion in term of dissolution profile?

Reviewer: 2

## Comments to the Author

Title :

The focus of the title should be on the meloxicam or meloxicam in the complex solid dispersion. In addition, type of HPMC should be defined clearly (i.e HPMC 2910 and not only the viscosity).

## Methods :

1. The authors did not detail whether the ratio was in weight per weight or others.
2. The method did not describe the proportion of mixed solution . How many mL of methanol to dissolve the meloxicam and how many mL of water to dissolve HPMC -nicotine.
3. Method to determine homogeneity of the mixture : was it visual inspection or analyzed quantitatively ?
4. Why the solubility test was conducted at 18°C instead of 37°C which should be more reflecting the body temperature and also more representative for the dissolution study ?
5. Consideration for conducting the solubility test for 6 hours.
6. Was the dissolution test conducted at sink condition ?

## Results and Discussion

1. No data of DE60 calculation shown whilst the authors discussed about the DE60 and the significant difference for the results obtained.
2. DTA results for SD4 shown additional peak at 270-280 °C but no discussion found about such phenomenon.
3. In the discussion, the authors mentioned about possibility for particle size reduction. This should be supported with the evidence or perhaps can be related to the SEM results to get clear information about the particle size of the solid dispersion obtained.

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Retno Sari &lt;retno-s@ff.unair.ac.id&gt;

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**Your manuscript ID JBCPP.2019.0249.R1 - submission confirmation**1 message

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**Journal of Basic and Clinical Physiology and Pharmacology**

Sun, Nov 10, 2019 at 5:28 PM

&lt;onbehalf@manuscriptcentral.com&gt;

Reply-To: jbcpp.editorial@degruyter.com

To: retno-s@ff.unair.ac.id

10-Nov-2019

Dear Dr. Sari,

The revision of your manuscript entitled "Solid Dispersion for Improving Solubility and Dissolution of Meloxicam-HPMC 3cps-Nicotinamide" has been successfully submitted online and is presently being given full consideration for publication in Journal of Basic and Clinical Physiology and Pharmacology (JBCPP).

Your manuscript ID is JBCPP.2019.0249.R1.

Please mention the above manuscript ID in all future correspondence or when calling the office for questions. If there are any changes in your affiliation, street address or e-mail address, please log in to ScholarOne Manuscripts at <https://mc.manuscriptcentral.com/jbcpp> and edit your user information as appropriate.

You can also view the status of your manuscript at any time by checking your Author Center after logging in to <https://mc.manuscriptcentral.com/jbcpp>.

Thank you for submitting your manuscript to JBCPP.

Kind regards

Ms. Katharina Appelt

Journal of Basic and Clinical Physiology and Pharmacology

[jbcpp.editorial@degruyter.com](mailto:jbcpp.editorial@degruyter.com)

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**JBCPP.2019.0249.R1 - DecisionAccept**

2 messages

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**Journal of Basic and Clinical Physiology and Pharmacology**

Wed, Nov 13, 2019 at 4:49

&lt;onbehalf@manuscriptcentral.com&gt;

AM

Reply-To: jbcpp.editorial@degruyter.com

To: retno-s@ff.unair.ac.id

12-Nov-2019

Dear Dr. Sari:

I would like to thank you for submitting your manuscript entitled "Solid Dispersion for Improving Solubility and Dissolution of Meloxicam-HPMC 3cps-Nicotinamide" to Journal of Basic and Clinical Physiology and Pharmacology (JBCPP). Your manuscript has been reviewed, and it is a pleasure to accept it for publication in JBCPP. The comments of the reviewer(s) are included at the bottom of this letter.

The JBCPP production office will contact you for proofreading in the near future. Your article will be published ahead of print as soon as possible, and assigned to an online issue at a later time.

Thank you for your fine contribution. On behalf of the Editors of Journal of Basic and Clinical Physiology and Pharmacology we look forward to your continued contributions to the Journal.

Kind regards

Dr. Chrismawan Ardianto

Guest Editor, Journal of Basic and Clinical Physiology and Pharmacology

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**Retno Sari** <retno-s@ff.unair.ac.id>

Thu, Nov 14, 2019 at 9:22 PM

To: dwi setyawan &lt;dwi-s@ff.unair.ac.id&gt;

[Quoted text hidden]

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**WG: Check your Proof: jbcpp-2019-0249**

1 message

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**Appelt, Katharina** <Katharina.Appelt@degruyter.com>  
To: "retno-s@ff.unair.ac.id" <retno-s@ff.unair.ac.id>

Wed, Nov 27, 2019 at 5:55 PM

27 November 2019

Dear Retno Sari,

Your article's galley proof is now available:

jbcpp-2019-0249: Solid dispersion for improving solubility and dissolution of meloxicam-hydroxypropyl methylcellulose 3 cps-nicotinamide

Check your galley proof carefully and submit your corrections within 4 days until 1 December 2019.  
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