



DIDING SUHANDY &lt;diding.sughandy@fp.unila.ac.id&gt;

**[Applied Sciences] Manuscript ID: applsci-1771879 - Review Request Reminder**

1 message

**Tiana Wang** <tiana.wang@mdpi.com>

Tue, Jun 7, 2022 at 12:41 PM

Reply-To: tiana.wang@mdpi.com

To: diding.sughandy@fp.unila.ac.id

Cc: applsci@mdpi.com, tiana.wang@mdpi.com

Dear Dr. Suhandy,

On 6 June 2022 we invited you to review the following paper:

Type of manuscript: Article

Title: Salt-induced homogeneous liquid-liquid microextraction of piroxicam and meloxicam from human urine prior to their determination by HPLC-DAD

You can find the abstract at the end of this message, and we would be grateful if you could let us know if you are available to provide a review. If you are unable to provide a review, we would appreciate it if you could decline our invitation. Please click on the following link to either accept or decline our request:

<https://susy.mdpi.com/user/review/review/27330395/pNLwZ2fJ>

Do not hesitate to contact us if you have any queries about this request. We look forward to hearing from you soon.

Kind regards,

Tiana Wang

Assistant editor

E-Mail: [tiana.wang@mdpi.com](mailto:tiana.wang@mdpi.com)Applied Sciences (IF= 2.679; <http://www.mdpi.com/journal/applsci/>)

\* Applied Sciences 2020 CiteScore™ - 3.0 (Q2 in Engineering)

\* Applied Sciences 2020 Impact Factor (WoS) - 2.679 (Q2 in "Physics Applied" and "Engineering, Multidisciplinary")

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<http://www.mdpi.com/journalproposal/sendproposalspecialissue/applsci>-----  
Manuscript details:

Journal: Applied Sciences

Manuscript ID: applsci-1771879

Type of manuscript: Article

Title: Salt-induced homogeneous liquid-liquid microextraction of piroxicam and meloxicam from human urine prior to their determination by HPLC-DAD

Authors: Natalia Manousi, Sotiria V. Tsiona, Constantinos K. Zacharis \*

Submitted to section: Applied Biosciences and Bioengineering,

[https://www.mdpi.com/journal/applsci/sections/Applied\\_Biosciences\\_Bioengineering](https://www.mdpi.com/journal/applsci/sections/Applied_Biosciences_Bioengineering)

Advances in Bioanalysis: Extraction and Sample Preparation

[https://www.mdpi.com/journal/applsci/special\\_issues/advances\\_bioanalysis](https://www.mdpi.com/journal/applsci/special_issues/advances_bioanalysis)

Abstract: A salt-induced homogeneous liquid-liquid microextraction (SI-HLLME) protocol combined with high-performance liquid chromatography-diode array

detection is presented for the first time for the determination of piroxicam and meloxicam in human urine. The main parameters that affect the performance of the sample preparation protocol were optimized using a two-step experimental design (i.e., 2-level fractional factorial design and Box-Behnken design). Following its optimization, the proposed method was thoroughly validated in terms of total-error concept in order to take into consideration the random and systematic errors. For the target analytes the accuracy profiles were constructed, and they were used as graphical decision-making tools. In all cases, the  $\beta$ -expectation tolerance intervals complied with the acceptance criteria of  $\pm 15\%$ , proving that 95% of future results will fall within the defined bias limits. The limits of detection were  $0.02 \mu\text{g mL}^{-1}$  and  $0.03 \mu\text{g mL}^{-1}$ , for piroxicam and meloxicam, respectively. The relative standard deviations were lower than 4.4% in all cases and the mean relative biases ranged between  $-5.7$  and  $3.4\%$  for both drugs. The proposed scheme is simple and rapid, while it is characterized by high sample throughput. Moreover, SI-HLLME requires reduced sample and reagent consumption, in accordance with the principles of Green Analytical Chemistry.



DIDING SUHANDY &lt;diding.sughandy@fp.unila.ac.id&gt;

**[Applied Sciences] Manuscript ID: applsci-1771879 - Review Request Accepted**

1 message

**applsci@mdpi.com** <applsci@mdpi.com>  
To: Diding Suhandy <diding.sughandy@fp.unila.ac.id>  
Cc: Tiana Wang <tiana.wang@mdpi.com>

Tue, Jun 7, 2022 at 1:35 PM

Dear Dr. Suhandy,

Thank you very much for agreeing to review this manuscript:

Manuscript ID: applsci-1771879

Type of manuscript: Article

Title: Salt-induced homogeneous liquid-liquid microextraction of piroxicam and meloxicam from human urine prior to their determination by HPLC-DAD

Authors: Natalia Manousi, Sotiria V. Tsiona, Constantinos K. Zacharis \*

Submitted to section: Applied Biosciences and Bioengineering,

[https://www.mdpi.com/journal/applsci/sections/Applied\\_Biosciences\\_Bioengineering](https://www.mdpi.com/journal/applsci/sections/Applied_Biosciences_Bioengineering)

Advances in Bioanalysis: Extraction and Sample Preparation

[https://www.mdpi.com/journal/applsci/special\\_issues/advances\\_bioanalysis](https://www.mdpi.com/journal/applsci/special_issues/advances_bioanalysis)

The review report form can be found here:

<https://susy.mdpi.com/user/review/review/27330395/pNLwZ2fJ>

The review report due date is: 17 June 2022

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We look forward to receiving your valuable comments.

Kind regards,

Tiana Wang

Assistant editor

E-Mail: [tiana.wang@mdpi.com](mailto:tiana.wang@mdpi.com)Applied Sciences (IF= 2.679; <http://www.mdpi.com/journal/applsci/>)

\* Applied Sciences 2020 CiteScore™ - 3.0 (Q2 in Engineering)

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**[Applied Sciences] Manuscript ID: applsci-1771879 - Review Report Reminder**

1 message

**Applied Sciences Editorial Office** <applsci@mdpi.com>  
Reply-To: tiana.wang@mdpi.com  
To: Diding Suhandy <diding.sugandy@fp.unila.ac.id>  
Cc: Applied Sciences Editorial Office <applsci@mdpi.com>

Wed, Jun 15, 2022 at 8:49 AM

Dear Dr. Suhandy,

A reminder that we are looking forward to receiving your review of the following manuscript soon:

Type of manuscript: Article  
Title: Salt-induced homogeneous liquid-liquid microextraction of piroxicam and meloxicam from human urine prior to their determination by HPLC-DAD  
Journal: Applied Sciences

If possible, we would be pleased to receive your review report before the due date 17 June 2022. To complete your review report please click on this link:

<https://susy.mdpi.com/user/review/review/27330395/pNLwZ2fJ>

Do not hesitate to contact us if you have any questions.

Kind regards,  
Tiana Wang  
Assistant editor  
E-Mail: [tiana.wang@mdpi.com](mailto:tiana.wang@mdpi.com)  
Applied Sciences (IF= 2.679; <http://www.mdpi.com/journal/applsci/>)

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Abstract Submission Deadline: 25th August 2022

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Applied Sciences 2022 Early Career Investigator Award (1000 CHF) Nomination  
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Manuscript details:  
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Manuscript ID: applsci-1771879  
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Authors: Natalia Manousi, Sotiria V. Tsiona, Constantinos K. Zacharis \*  
Submitted to section: Applied Biosciences and Bioengineering,

[https://www.mdpi.com/journal/applsci/sections/Applied\\_Biosciences\\_Bioengineering](https://www.mdpi.com/journal/applsci/sections/Applied_Biosciences_Bioengineering)

Advances in Bioanalysis: Extraction and Sample Preparation

[https://www.mdpi.com/journal/applsci/special\\_issues/advances\\_bioanalysis](https://www.mdpi.com/journal/applsci/special_issues/advances_bioanalysis)

**Abstract:** A salt-induced homogeneous liquid-liquid microextraction (SI-HLLME) protocol combined with high-performance liquid chromatography-diode array detection is presented for the first time for the determination of piroxicam and meloxicam in human urine. The main parameters that affect the performance of the sample preparation protocol were optimized using a two-step experimental design (i.e., 2-level fractional factorial design and Box-Behnken design). Following its optimization, the proposed method was thoroughly validated in terms of total-error concept in order to take into consideration the random and systematic errors. For the target analytes the accuracy profiles were constructed, and they were used as graphical decision-making tools. In all cases, the  $\beta$ -expectation tolerance intervals complied with the acceptance criteria of  $\pm 15\%$ , proving that 95% of future results will fall within the defined bias limits. The limits of detection were  $0.02 \mu\text{g mL}^{-1}$  and  $0.03 \mu\text{g mL}^{-1}$ , for piroxicam and meloxicam, respectively. The relative standard deviations were lower than 4.4% in all cases and the mean relative biases ranged between  $-5.7$  and  $3.4\%$  for both drugs. The proposed scheme is simple and rapid, while it is characterized by high sample throughput. Moreover, SI-HLLME requires reduced sample and reagent consumption, in accordance with the principles of Green Analytical Chemistry.



DIDING SUHANDY &lt;diding.sughandy@fp.unila.ac.id&gt;

**[Applied Sciences] Manuscript ID: applsci-1771879 - Review Report Reminder**

2 messages

**Applied Sciences Editorial Office** <applsci@mdpi.com>  
Reply-To: tiana.wang@mdpi.com  
To: Diding Suhandy <diding.sughandy@fp.unila.ac.id>  
Cc: Applied Sciences Editorial Office <applsci@mdpi.com>

Fri, Jun 17, 2022 at 3:19 PM

Dear Dr. Suhandy,

Thank you very much for accepting to review applsci-1771879. I am writing to enquire as to how your review report is coming along for the below manuscript.

Type of manuscript: Article

Title: Salt-induced homogeneous liquid-liquid microextraction of piroxicam and meloxicam from human urine prior to their determination by HPLC-DAD

Journal: Applied Sciences

If you have completed your report, could you please send it to us at your earliest convenience? To complete your review report please click on this link:

<https://susy.mdpi.com/user/review/review/27330395/pNLwZZ2fJ>

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Kind regards,

Tiana Wang  
Assistant editor  
E-Mail: [tiana.wang@mdpi.com](mailto:tiana.wang@mdpi.com)  
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[https://www.mdpi.com/journal/applsci/special\\_issues/advances\\_bioanalysis](https://www.mdpi.com/journal/applsci/special_issues/advances_bioanalysis)

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**Applied Sciences Editorial Office** <applsci@mdpi.com>

Fri, Jun 17, 2022 at 3:21 PM

Reply-To: Tiana Wang <tiana.wang@mdpi.com>, Applied Sciences Editorial Office <applsci@mdpi.com>

To: Diding Suhandy <diding.sugandy@fp.unila.ac.id>

Cc: Applied Sciences Editorial Office <applsci@mdpi.com>, Tiana Wang <tiana.wang@mdpi.com>

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Please do not hesitate to contact us if you have any queries about this request. We look forward to hearing from you soon.

Kind regards,

Ms. Wendy Gao

E-Mail: [wendy.gao@mdpi.com](mailto:wendy.gao@mdpi.com)

Skype: live:.cid.6f0f71851d5c1359

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DIDING SUHANDY &lt;diding.sughandy@fp.unila.ac.id&gt;

**[Applied Sciences] Manuscript ID: applsci-1771879 - Acknowledgement - Review Received**

1 message

**applsci@mdpi.com** <applsci@mdpi.com>

Sat, Jun 18, 2022 at 7:18 PM

Reply-To: Tiana Wang &lt;tiana.wang@mdpi.com&gt;, Applied Sciences Editorial Office &lt;applsci@mdpi.com&gt;

To: Diding Suhandy &lt;diding.sughandy@fp.unila.ac.id&gt;

Cc: Applied Sciences Editorial Office &lt;applsci@mdpi.com&gt;, Tiana Wang &lt;tiana.wang@mdpi.com&gt;

Dear Dr. Suhandy,

A short note to thank you very much for your review of the following manuscript:

Manuscript ID: applsci-1771879

Title: Salt-induced homogeneous liquid-liquid microextraction of piroxicam and meloxicam from human urine prior to their determination by HPLC-DAD

Authors: Natalia Manousi, Sotiria V. Tsiona, Constantinos K. Zacharis \*

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Kind regards,

Applied Sciences Editorial Office

Postfach, CH-4020 Basel, Switzerland

Office: St. Alban-Anlage 66, CH-4052 Basel

Tel. +41 61 683 77 34 (office)

Fax +41 61 302 89 18 (office)

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DIDING SUHANDY &lt;diding.sughandy@fp.unila.ac.id&gt;

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**Team Publons** <noreply@publons.com>

Sun, Jun 19, 2022 at 9:05 AM

Reply-To: Team Publons &lt;noreply@publons.com&gt;

To: diding.sughandy@fp.unila.ac.id



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DIDING SUHANDY &lt;diding.sughandy@fp.unila.ac.id&gt;

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**[Applied Sciences] Manuscript ID: applsci-1771879 - Thank you for reviewing: paper published**

1 message

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**MDPI - Website Editor** <website@mdpi.com>

Thu, Jun 30, 2022 at 8:21 PM

Reply-To: Tiana Wang &lt;tiana.wang@mdpi.com&gt;, Applied Sciences Editorial Office &lt;applsci@mdpi.com&gt;

To: Diding Suhandy &lt;diding.sughandy@fp.unila.ac.id&gt;

Cc: Applied Sciences Editorial Office &lt;applsci@mdpi.com&gt;, Tiana Wang &lt;tiana.wang@mdpi.com&gt;, Frida Zhou &lt;frida.zhou@mdpi.com&gt;, Jester Zhu &lt;jester.zhu@mdpi.com&gt;

Dear Dr. Suhandy,

We are writing to inform you that the following paper which you kindly reviewed has been published:

<https://www.mdpi.com/2076-3417/12/13/6658>

Thank you for your participation in the review process. The paper was accepted by the academic editor after peer review by 3 reviewers and author revision. You can now see the comments of other reviewers by creating an account on our submission system at <https://susy.mdpi.com> with your review email [diding.sughandy@fp.unila.ac.id](mailto:diding.sughandy@fp.unila.ac.id) and visiting the reviews section. You may also download a PDF certificate (<https://susy.mdpi.com/reviewer/certificate/displayFile/9298744>) of your review record from the Susy website. We look forward to your future participation in the review process. By signing up at <https://susy.mdpi.com/volunteer/profile/edit> you can provide further details about your availability and the journals you are interested in reviewing for.

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Kind regards,

--

MDPI

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Office: St. Alban-Anlage 66, 4052 Basel, Switzerland

Tel. +41 61 683 77 34

Fax: +41 61 302 89 18

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