

Current Pharmaceutical Analysis

Manuscript Evaluation Form

Editor-in-Chief: Anastasios Economou, Department of Chemistry, Laboratory of Analytical Chemistry, University of Athens, Athens, Greece

PAPER TITLE	Trace Extraction of Metoprolol from Plasma, Urine and EBC samples Using Modified Magnetic Nanoparticles Followed by Spectrofluorimetric Determination for Therapeutic Drug Monitoring Purposes
AUTHOR(S) NAME	Mohammad Ali Tarfie, Ahad Bavili Tabrizi and Abolghasem Jouyban

Sec. A: REFEREE'S ASSESSMENT

(cross as appropriate)

Criterion	Excellent	Good	Fair	Poor
Originality of the topic	x			
Technical Quality		x		
Importance in its Field	x			
Style & Overall Representation		x		
Readily Understandable	x			
Suitability for the Journal	x			
Adequate Illustrations or Drawings	x			
English language		x		
Description	Yes	No	Comments/ Suggestions	
Does the title represent manuscript's contents?	x			
Is the Abstract accurate and concise?	x			
Are the approach/ methods properly described?	x			
Are the conclusions and interpretations sound?	x			
Are the references properly cited?	x			
Is this a new/ original/ contribution?	x			
Is it within the scope of the journal?	x			
Overall the Paper is Rated:	(Excellent -8----- Poor) 10 9 8 7 6 5 4 3 2 1			

Sec. B: REFEREE'S RECOMMENDATIONS

OTHER SPECIFIC CRITICISMS

Accept with minor changes

x

Imperfect style

Accept with major changes

Too long

Reject in current form, but may be resubmitted

References incorrectly presented

Reject, with no resubmission

Typographical and Grammatical errors

x

PAPER TYPE: Research article

Review article

Letter article

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Confidential Comments to the Editor (not for Transmission to Authors):

The article is within the scope of the journal and suitable for publication after some revision.

Comments for the Authors (continue on another sheet, if necessary):

Review of the article entitled

Trace Extraction of Metoprolol from Plasma, Urine and EBC samples Using Modified Magnetic Nanoparticles Followed by Spectrofluorimetric Determination for Therapeutic Drug Monitoring Purposes, by Mohammad Ali Tarfiei, Ahad Bavili Tabrizi and Abolghasem Jouyban

In this work, a novel, advanced magnetics solid phase extraction (MSPE) method, based on magnetic iron oxide nanoparticles (MIONPs) modified by the surfactant sodium dodecyl sulfate (SDE), was successfully developed for the extraction and spectrofluorimetric determination of metoprolol in real biological samples. The obtained results indicate that using MSPE combined with spectrofluorimetric detection is a very simple, safe, sensitive, rapid and inexpensive method for the extraction and determination of metoprolol. The article is within the scope of the journal and suitable for publication after some revision.

The English language, grammar and spelling have to be improved.

State the complete term and the abbreviation at the first place where it appears in the manuscript, in the rest of the text use either the abbreviation or full term.

Use the same labeling for liter, L or l in the entire manuscript

Place the numbers and units of measure in the same row.

For example, place in the same row: on page 9, 50 mg, on page 10, 4000 rpm and 15 min, on page 11, 2 mL and 10 min

On page 18, replace RSD % and RE %, instead of RSD,% and RE,%, use also one space between the numbers and %, preferably

Move to the next page headings 3.4., 3.7. and 3.10.

Delete empty page 25

The quality of Figure 1 can be improved, font of letters and numbers increased.

In the legend of Figure 4, replace SDS instead of CTAB

Delete the points after captions of Table 1, 2, 7 and 8

In the caption of Table 2, replace 100 ng ml⁻¹, instead of 60 ng ml⁻¹

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FIELD OF EXPERTISE OF REFEREE: Materials and chemical technologies, nanotechnologies, biomedical engineering, chemistry, medicinal and pharmaceutical chemistry

Name & Affiliation of referee: Tamara Jovanovic, Department of Biomedical Engineering, Faculty of Mechanical Engineering, University of Belgrade, Kraljice Marije 16, 11120 Belgrade, Serbia

Dr Tamara Jovanovic / January 28, 2019

SIGNATURE OF REFEREE / DATE