

# Current Pharmaceutical Analysis

## Manuscript Evaluation Form

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

<b>PAPER TITLE</b>	Comparative analysis of the multiple absorbed bioactive components in rat serum after oral administration of Xienxin Tang by HPLC-DAD coupled with HPLC-Q-TOF/MS
<b>AUTHOR(S) NAME</b>	Xiaoyu Wang, Shujiao Li, Yuqing Wang, Guo Zhuang, Dong Shui, Rui Hu

### 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			
<b>Overall the Paper is Rated:</b>	<b>(Excellent -8----- Poor)</b> 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

x

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):**

This article is within the scope of the journal and suitable for publication after some revision that I suggest in comments for the authors.

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

Review of the article entitled

Comparative analysis of the multiple absorbed bioactive components in rat serum after oral administration of Xienxin Tang by HPLC-DAD coupled with HPLC-Q-TOF/MS, by Xiaoyu Wang, Shujiao Li, Yuqing Wang, Guo Zhuang, Dong Shui, Rui Hu

In this study, the serum pharmacochimistry technique and high-performance liquid chromatography diode-array detection (HPLC-DAD) coupled with quadrupole time-of-flight mass spectrometry (HPLC-Q-TOF/MS) was performed for screening and analysis of the multiple absorbed bioactive components and metabolites of orally dosed Xiexin Tang (XXT), a classic traditional Chinese medicine (TCM) formula, in rat serum. The results demonstrate that an effective, reliable and integrative analytical method is set up for screening the bioactive components of Chinese herbal medicine, which provides a meaningful basis for further pharmacology and active mechanism research of XXT.

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

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

For example, in the Introduction, page 4, rows 11 and 12, replace has become, instead of has been become

On page 6, replace The yields of dry extracts from XXT, RRR, CR were, instead of The yield

Use (2:1:1, v/v/v), instead of (2:1:1, w/w/w), and (1:10, v/v) and (1:8, v/v), instead of (1:10) and (1:8)

On page 7, replace Stock solutions were prepared separately, instead of were separately prepared separately

On page 10, row 16, replace with that, instead of with the that

On page 13, rows 9 and 10, the correct sentence is

Cross-referencing with the control samples revealed that compound **11** was palmatine.

On page 15, replace chromatograms, instead of chromatographs, as well as Stilbenes possess, instead of Stilbenes possesses

Use italic for *in vivo*

Place the Figures and Figure legends, as well as Tables and Table captions at the adequate places in the manuscript.

Put the points after all the figure legends.

Move subheadings 2.3 and 3.3.3 to the next page, as well as subheading from page 16 to the next page 17.

Use one space between the numbers and units of measure in the entire manuscript, including % and °C

On page 9, replace RSD %, instead of RSD%

On page 11 move 21.824 to the next row beside min, as follows 21.824 min

On page 12, row 5, add space before were identified

The entire manuscript should be formatted according to the style of the journal.

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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 22, 2019

**SIGNATURE OF REFEREE / DATE**

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