Current Pharmaceutical Analysis

Manuscript Evaluation Form

PAPER TITLE	New monitoring strategy for the quality control in the processing practice of *Scutellariae Radix*
AUTHOR(S) NAME	Lili Li, Chunsong Cheng, Qi Huang, Daiyin Peng, Cun Zhang

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		

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Accept with minor changes	x	Imperfect style	x
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PAPER TYPE: **Research article** ☐ **Review article** ☐ **Letter article** ☐

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

This is a significant contribution 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
New monitoring strategy for the quality control in the processing practice of *Scutellariae Radix*, by Lili Li, Chunsong Cheng, Qi Huang, Daiyin Peng, Cun Zhang

In this study, a simple, cheap, stable and repeatable monitoring approach for processing and production of *Huangqin*, an important herb medicine has been developed. The obtained results indicate that this strategy and practice can be promoted and adapted for the quality control of at least 100 products of Chinese medicines in future. This practice also provides an effective and real-time technical plan for the quality control of the processing production of Chinese medicines.
This is a significant contribution within the scope of the journal and suitable for publication after some revision.

The English language has to be improved at some places.
For example, on page 4, state: The mobile phase consisted of, instead of was consisted of
Replace 4 °C, instead of 4 ◦C.
Place 0.1095 $mg \cdot mL^{-1}$ in the same row, add and between 0.01176 $mg \cdot mL^{-1}$ and 0.0985 $mg \cdot mL^{-1}$ and comma before respectively.
On page 5, the last sentence of the second paragraph should be
All the solutions were filtered through a 0.22 μm filter before injection into the HPLC system.
Use plural for: The mixed standard solutions were analyzed, instead of was
On page 6, section 2.8, All products were prepared according to the methods described
Replace content, instead of contention
In the third sentence of Results and discussion, it should be indicated what the mentioned figures refer to, as follows: The main chemical components that Huangquin produces, the 7 kinds of flavonoids that we found and their main effects are presented in Supplementary Fig.1 & Supplementary Fig.2.
On page 7, in the first paragraph, state: method for determination of 7 compounds simultaneously
Use one space between the numbers and units of measure in the entire manuscript.
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.

Delete the points after the captions of Tables 1-3.
In the legend of Fig 3., add one space between baicalein, and wogonin,
all the rates of recovery where within 100 % ± 0.6 % or in the range of 100 % ± 0.6 %

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The correct number of the last figure in the attachment for figures is Fig 10, instead of Fig. 11
The quality and resolution of some figures can be improved.
Place all the Figures with their legends and all the Tables with their captions within the manuscript.
Add the numbers of the last page in the references 2, 4, 5 and 10.

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 / February 13, 2019
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