



SDI Review Form 1.6

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_37982
Title of the Manuscript:	Effect of Cooking on Arsenic Reduction in Two Rainfed Rice Varieties of Bangladesh and Their Health Risk Assessment
Type of the Article	Original Research paper

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	The results showed by the authors are interesting; however, the discussion needs to be improved. One important point is that, although the authors have mentioned the possible ways that the arsenic levels were decreased in the cooking rice (lines 142-145), this topic could be better discussed, since it is the base of the whole study. Also, the authors could discuss the impact on health of people consuming As-contaminated rice.	Thank you for your suggestion. As suggested by the reviewer, we have added more discussions on the removal arsenic level and its impact on health into "3.1 Arsenic concentration in rice" and "3.2 Risk Assessment", respectively.
Minor REVISION comments	In the methodology section, please clarify that the rice was cooked in Milli-Q water, as in line 58 just water was mentioned. In the manuscript there are two tables, but there is no Table 2. Please correct. A description for Table S1 is missing within the text of the manuscript, please add.	Thank you for your suggestion. As suggested by the reviewer, we have clarified it through the manuscript. Thank you for your suggestion. Table 3 in the original manuscript was Table 2. We have revised this typo. As a matter of fact, Table S1 was not necessary for this paper. Thus, we deleted Table S1.
Optional/General comments	The subject addressed in the manuscript is very important for health assessment of people consuming the As-contaminated rice. The results are interesting as they show that cooking the rice can decrease As levels in 17% and 46% in the analysed rice. The manuscript is well-written and the methodology used is well explained, being easily reproduced.	We are grateful for this positive comment. We have made some additional corrections to the paper for improvement. They are shown in the change-marked-file.