

Review Form 1.7

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	Ms_AJRB_112483
Title of the Manuscript:	Bambara Groundnut (<i>Vigna subterranea</i>) Condiment Extract Reversed Diarrhoeal Condition in Male Wistar Rats
Type of the Article	Original Research Article

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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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> Diarrhea is a common digestive disorder characterized by increased frequency of bowel movements, wet stools, and abdominal pain, which is a serious public health challenge. According to the World Health Organization (WHO), about 5 billion cases of diarrhea occur annually and about 5 million people die from diarrhea annually worldwide. Diarrhea can be caused by various causes, such as infections, food intolerances, intestinal disorders,... Currently, the treatment of diarrhea is not yet specific and is usually aimed at reducing the discomfort and inconvenience of frequent bowel movements. Chemical drugs are often used to treat diarrhea, but these drugs can cause side effects. To avoid diarrhea, doctors and patients in many developing countries still rely on traditional medicines. For this reason, WHO has introduced a diarrhoeal disease control programme involving the use of traditional herbal medicines. Bambara Groundnut are nutrient-rich legumes and are called "complete foods" due to its balanced macronutrient composition. Bambara peanuts contain ~64.4% carbohydrates, 23.6% protein, 6.5% fat and 5.5% fiber and are rich in minerals. Besides, Bambara Groundnut contain phytochemicals such as flavonoids and tannins that have antioxidant, cardioprotective, anti-cancer and neuroprotective properties,... This study has provided more scientific information about the role of Bambara Groundnut and this is a highly applicable study in life. Yes Yes Yes Yes Yes. <p>There are some things from your manuscript that I think you may want to have a look at:</p> <ol style="list-style-type: none"> The introduction you need to follow more clearly about Bambara Groundnut, what phytochemicals ingredients it contains and previous claims about it. As for the extract, you need to specify how many grams of Bambara Groundnut soaked in 2500 ml of 70% purity methanol solution? You need to provide more evidence to prove that Bambara Groundnut contains active ingredients to enhance electrolytes (if any). In this study I have not seen you show the results of acute toxicity and sub-acute toxicity studies when tested in Wistar Rats. To prove that Bambara Groundnut does not affect the physiology of the user. In addition to biochemical indicators, in this study it is necessary to supplement histopathological results of the liver, kidney, spleen, small intestine and large intestine of the control and treatment groups. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>The manuscript appears to contain numerous spelling and grammatical errors. The authors need to review and correct these errors to ensure the clarity and accuracy of the manuscript.</p>	
<p>Optional/General comments</p>		

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Ngoc Hieu Nguyen
Department, University & Country	Institute for Research and Training in Medicine, Biology and Pharmacy, Duy Tan University, Vietnam