



SDI Review Form 1.6

Journal Name:	International Blood Research & Reviews
Manuscript Number:	Ms_IBRR_60415
Title of the Manuscript:	Mineral content and Antisickling activity of Annona senegalensis, Alchornea cordifolia and Vigna unguiculata used in the management of sickle cell disease in the Kwilu province(CONGO, DR)
Type of the Article	Original Research Article

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/journal/10/editorial-policy>)



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ART 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	<p>Reviewer's comments</p> <p>This study determined the mineral composition of three plants claimed to be in use in the management of sickle cell disease by traditional practitioners in Kwilu province and also evaluated their <i>in-vitro</i> antisickling activities. Study methods are fair, results were concise and the conclusions were drawn based on the results.</p> <ol style="list-style-type: none"> 1. In the introduction, authors need to state known side effects of these plants. For instance, toxicological studies have shown that <i>Anona senegalensis</i> is relatively safe, but prolonged ingestion could induce oxidative stress and impair ATP synthesis through the modulation of the activity of mitochondrial succinate dehydrogenase. 2. 2nd paragraph of the introduction. Please cite reference for this statement "Sickle cell disease is an inherited disease that affects nearly 5% of the world's population." 3. Sampling techniques: <ol style="list-style-type: none"> a. What was the sampling method? b. Sample size – state number blood samples collected c. None of the patients had been transfused recently with Hb AA blood – what did "recently" mean? Specify the exact duration 4. Authors should give more information on the roles of calcium and magnesium macroelements in antisickling processes. 5. Reference – authors study and follow journal format of referencing. 	
Minor REVISION comments		
Optional/General comments		



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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:

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