



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">Asian Journal of Biology</a>                                                                                               |
| Manuscript Number:       | Ms_AJOB_34587                                                                                                                          |
| Title of the Manuscript: | Comparative Assessment of the Physiological and Granules Size Distribution of Starch from Variety of Cassava, Sweet Potato and Cocoyam |
| 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/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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) |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Compulsory</u></b> REVISION comments | <p>1. the present study was aimed to assess the Rheological, Micro-structure and functional properties of starch from tubers, in an attempt to broaden what applications they may be used for within the food industry.</p> <p>However, no microstructure studies were performed. Microscopy is about the shape of the starch, not microstructure or molecular microstructure of starch.</p> <p>The authors did several experiments of functional properties of the different tuber starch. Maybe a table to include all the information about different starches and also their potential applications could be provided.</p> <p>2. Too many grammar and format errors, like line 21, line 170, line 228 plate 3.1 and line 411 plate 3.1? figure 2.1 need to be redraw.</p> <p>3. The tuber starches assessed in this study were cassava (419 um37 and 30572) sweet potato (X-igbariam) and cocoyam (edeahie and NX003). Can authors give us the reasons to choose these varieties?</p> |                                                                                                                                                                               |
| <b><u>Minor</u></b> REVISION comments      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                               |
| <b><u>Optional/General</u></b> comments    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                               |

**Reviewer Details:**

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|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                            | <i>Xiaozhi Tang</i>                                                                                                                                                                                                                          |
| Department, University & Country | <i>College of Food Science and Engineering/Collaborative Innovation Center for Modern Grain Circulation and Safety, Key Laboratory of Grains and Oils Quality Control and Processing, Nanjing University of Finance and Economics, China</i> |