

Review Form 1.7

Journal Name:	Asian Journal of Biotechnology and Bioresource Technology
Manuscript Number:	Ms_AJB2T_108117
Title of the Manuscript:	Holothuria atra: An Underutilized Marine Resource for Nutritional and Collagen Benefits
Type of the Article	Original Research Article

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"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>The research entitled "<i>Holothuria atra: An Underutilized Marine Resource for Nutritional and Collagen Benefits</i>" brings to light the relevance of an underutilized marine species in the context of bioprospecting. The study highlights the potential of <i>Holothuria atra</i>, commonly known as sea cucumber, not only as a nutritional source but also as a potential source of collagen for industrial applications. The introduction to the study is well articulated, providing a clear insight into the importance of <i>Holothuria atra</i>, addressing both its nutritional profile and its potential application in the collagen industry. The research objectives, which focus on analyzing the nutritional profile of <i>H. atra</i> and characterizing the collagen extracted from its body wall, were meticulously met. The methodology adopted is robust and uses well-established techniques, ensuring the reliability of the results. However, a notable challenge presented by the results is the low collagen yield, which may limit its industrial applications. This aspect signals a promising area for future investigations, with the aim of optimizing collagen yield and fully exploiting the potential of this underutilized marine species.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>-----</p>	
<p>Optional/General comments</p>	<p>-----</p>	

PART 2:

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

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Reviewer Details:

Name:	Virgínia Mirtes de Alcântara Silva
Department, University & Country	Brasil