

BPI Review Form 070520

Book Name:	<u>Current Perspectives in Agriculture and Food Science</u>
Manuscript Number:	Ms_BP_7742C
Title of the Manuscript:	Iridescence in Meat and Fish
Type of the Article	Book chapter

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PART 1: Review Comments

	Reviewer's comment	Author's comment (If agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. Authors must write his/her feedback here)
Is the manuscript important for the scientific community? Please write a few sentences explaining your answer		
Is the title of the article suitable? Do you have any alternative Title in your mind?	A study on iridescence in Meat and Fish	
Is the abstract of the article comprehensive? If your answer is No, please provide suggestions	<p>No</p> <p>Iridescence in meat and fish is a phenomenon that occurs when the surface of the meat or fish displays a play of colors that change with the angle of light. This iridescence is often caused by the interference and diffraction of light as it interacts with the microscopic structures in the tissues of the meat or fish.</p> <p>In meat, the iridescence is commonly observed in fresh cuts of beef or other meats. It is often referred to as "rainbow meat" or "rainbow steaks." The iridescence is caused by the thin film of muscle proteins on the surface, which can reflect and refract light in a way that produces the colorful patterns.</p> <p>In fish, iridescence is frequently seen in the skin and scales. The scales of some fish, like salmon or trout, can exhibit vibrant colors due to the microscopic crystalline structures in the scales that interact with light. The iridescence in fish is often more pronounced in certain species and can be an important aspect of their visual appearance.</p>	
Do you think the English quality of the article is suitable for scholarly communications? If your answer is No, please provide suggestions	Basic grammar check is required and simple tense or sentence to be provide in book chapter.	
Please provide your comments regarding the appropriateness of different sections of the manuscript.	<p>1.Please provide Error bar in all the graphs (Wavelength and Reflectance)</p> <p>2.Colorimetry of Iridescence of graph to be in Contour format and provide optimised value.</p> <p>3.Iridescent myofibers in tuna muscle images are not clear and mention which charecterization study you are done for surface Phenomena.(SEM or TEM)</p>	
Do you think that the references in the manuscript are proper, recent and sufficient? If you have any suggestions, please write here.	DOI: https://www.mdpi.com/2304-8158/2/4/499	

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

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Reviewer Details:

Name:	S. Baskar
Department, University & Country	Veltech Rangarajan Dr. Sagunthala R and D Institute of Science and Technology, India