

Review Form2

Book Name:	Innovations in Biological Science
Manuscript Number:	Ms_BPR_2186
Title of the Manuscript:	Distributional pattern of different cell types with special emphasis on seasonal changes of gonadotrophs in the hypophysis of Indian river shad Gudusiachapra (Hamilton, 1822) in relation to ovarian maturity
Type of the Article	Book chapter

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.	The research examines seasonal changes in the ovary and their correlation with pituitary cells, which is valuable for understanding how reproductive cycles are influenced by environmental variations. This research provides valuable insights into the reproductive biology of Gudusiachapra, with potential implications for aquatic resource management and biomedical research	
Is the title of the article suitable? (If not please suggest an alternative title)	It's ok	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	It's a little long, but that's OK	
Are subsections and structure of the manuscript appropriate?	These subsections require further development to constitute a comprehensive and cohesive section. 2.2.1. Mallory's Triple stain (MT) (Mallory, 1936) [5] to demonstrate gonadotrophs. 2.2.2. Chrome-alum-Haematoxylin-Phloxine (CAHP) (Gomori, 1941) [6] to demonstrate corticotrophs, thyrotrophs and somatotrophs. 2.2.3. Alcian blue-Orange G-Acid Fuchsin (AB-OFG)(Slidders, 1961) [7] for demonstration of somatotrophs, gonadotrophs and thyrotrophs. 2.2.4. Periodic acid Schiff's (PAS) technique (McManus, 1948) [8] using orange G (OG) as the counter stain (PAS-OG) for demonstration of gonadotrophs, thyrotrophs and somatotrophs. 2.2.5. Heidenhans Azan (HA) for basophil and acidophil cells. 2.2.6. Lead-haematoxylin-phloxine (PbHP) for demonstration of gonadotrophs and thyrotrophs. 2.2.7. Delafield's haematoxylin and Eosin (HE) 2.2.8. Iron-alum haematoxylin (IAH) and	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimumof 3-4 sentences may be required for this part.	Scientific methods have been applied.	

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Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are more than sufficient	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Acceptable	
Optional/General comments		

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?	(If yes, Kindly please write down the ethical issues here in details)	

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