

LIST OF PUBLICATIONS

Original Research Articles

1. **Ghosh, S. K.** and S. Das, 2020. The olfactory mucosa of river catfish, *Eutropiichthys vacha* (Hamilton, 1822): a histochemical study. ***International Journal of Aquatic Biology***, 8 (1): 50-55. DOI: <https://doi.org/10.22034/ijab.v8i1.773>. (Impact Factor: 0.453)
2. **Ghosh, S. K.** 2019. Histology and surface morphology of the olfactory epithelium in freshwater teleost, *Clupisoma garua* (Hamilton, 1822). ***Fisheries & Aquatic Life***, 27 (3): 122-129. DOI: 10.2478/aopf-2019-0014. (Impact Factor: 0.72)
3. **Ghosh, S. K.** 2019. Histological and ultrastructural studies on the intestine of guntea loach, *Lepidocephalichthys guntea* (Cypriniformes, Cobitidae). ***Vestnik Zoologii***, 53 (2): 165-172. DOI: 10.2478/vzoo-2019-0017. (Impact Factor: 0.268)
4. **Ghosh, S. K.** 2018. Histological Characterization of the Olfactory Organ in Schilbid Catfish, *Clupisoma garua* (Hamilton, 1822). ***International Journal of Aquatic Biology***, 6 (5): 281-287. DOI: <https://doi.org/10.22034/ijab.v6i5.543>. (Impact Factor: 0.453)
5. **Ghosh, S. K.** 2018. Cellular organization of the olfactory epithelium during growth, maturation, spawning and post-spawning phases of freshwater catfish, *Eutropiichthys vacha* (Hamilton, 1822) (Teleostei: Siluriformes). ***Iranian Journal of Ichthyology***, 5 (2): 126-138. DOI: 10.22034/iji.v5i2.278. (Impact Factor: 0.484)
6. **Ghosh, S. K.** 2018. Anatomical and histological studies on the olfactory organ of riverine catfish, *Eutropiichthys vacha* (Hamilton, 1822). ***Asian Journal of Animal and Veterinary Advances***, 13 (3): 245-252. DOI: 10.3923/ajava.2018.245.252. (Impact Factor: 0.869)
7. **Ghosh, S. K.** and P. Chakrabarti, 2016. Histomorphological and microanatomical characteristics of the olfactory organ of freshwater carp, *Cirrhinus reba* (Hamilton). ***Archives of Polish Fisheries***, 24 (4): 201-208. DOI: 10.1515/aopf-2016-0017. (Impact Factor: 0.632)
8. **Ghosh, S. K.** and P. Chakrabarti, 2016. Comparative studies on histology and histochemistry of pancreas between *Labeo calbasu* (Hamilton, 1822) and *Mystus gulio* (Hamilton, 1822). ***Iranian Journal of Ichthyology***, 3 (4): 251-265. DOI: 10.7508/iji.2016. (Impact Factor: 0.484)
9. **Ghosh, S. K.** and P. Chakrabarti, 2016. Histological, topographical and ultrastructural organization of different cells lining the olfactory epithelium of red piranha, *Pygocentrus nattereri* (Characiformes, Serrasalminidae). ***Vestnik Zoologii***, 50 (5): 447-456. DOI: 10.1515/vzoo-2016-0051. (Impact Factor: 0.268)
10. **Ghosh, S. K.** and P. Chakrabarti, 2016. Morphological and histochemical studies on the olfactory rosette of bagrid catfish, *Rita kuturnee* (Sykes, 1839). ***Mesopotamian Journal of Marine Science***, 31 (1): 15-28. (Impact Factor: 0.815)
11. **Ghosh, S. K.**, S. Barun and P. Chakrabarti, 2016. A comparative study of the histoarchitecture of endocrine pancreas in *Labeo bata* (Hamilton, 1822), *Sperata aor* (Hamilton, 1822) and *Chitala chitala* (Hamilton, 1822). ***International Journal of Aquatic***

- Biology**, 4 (1): 17-24. DOI: <http://dx.doi.org/10.7508/ijab.2016.01.003>. (Impact Factor: 0.453)
12. **Ghosh, S. K.** and P. Chakrabarti, 2015. Histological, surface ultrastructural, and histochemical study of the stomach of red piranha, *Pygocentrus nattereri* (Kner). **Archives of Polish Fisheries**, 23 (4): 205-215. DOI: 10.1515/aopf-2015-0023. (Impact Factor: 0.372)
 13. **Ghosh, S. K.**, B. Pan and P. Chakrabarti, 2015. Histoarchitectural and surface ultrastructural analysis of the olfactory epithelium of *Puntius ticto* (Hamilton, 1822). **International Journal of Aquatic Biology**, 3 (4): 236-244. DOI: 10.22034/ijab.v3i4.102. (Impact Factor: 0.453)
 14. **Ghosh, S. K.** and P. Chakrabarti, 2015. Histochemical characterization of the olfactory epithelium of an Indian major carp, *Catla catla* (Hamilton, 1822). **Iranian Journal of Ichthyology**, 2 (1): 43-52. (Impact Factor: 0.484)
 15. **Ghosh, S. K.** and P. Chakrabarti, 2015. Histological and histochemical characterization on stomach of *Mystus cavasius* (Hamilton), *Oreochromis niloticus* (Linnaeus) and *Gudusia chapra* (Hamilton): comparative study. **The Journal of basic & Applied Zoology**, 70 (C): 16-24. DOI: 10.1016/j.jobaz.2015.04.002.
 16. Chakrabarti, P. and **S. K. Ghosh**, 2015. Comparative histological and histochemical studies on the pancreas of *Labeo rohita* (Hamilton, 1822), *Mystus vittatus* (Bloch, 1790) and *Notopterus notopterus* (Pallas, 1769). **International Journal of Aquatic Biology**, 3 (1): 28-34. DOI: 10.22034/ijab.v3i1.44. (Impact Factor: 0.453)
 17. Chakrabarti, P. and **S. K. Ghosh**, 2014. A comparative study of the histology and microanatomy of the stomach in *Mystus vittatus* (Bloch), *Liza parsia* (Hamilton) and *Oreochromis mossambicus* (Peters). **Journal of Microscopy and Ultrastructure**, 2 (4): 245-250. DOI: 10.1016/j.jmau.2014.07.003.
 18. **Ghosh, S. K.** and P. Chakrabarti, 2014. Light microscopical characterization of the saccus vasculosus of freshwater catfish, *Eutropiichthys vacha* (Hamilton, 1822). **Cibtech Journal of Zoology**, 3 (2): 68-75.
 19. **Ghosh, S. K.** and P. Chakrabarti, 2014. Histological studies on the saccus vasculosus of the Indian freshwater teleost, *Labeo bata* (Hamilton, 1822). **Journal of Zoological and BioScience Research**, 1 (3): 20-24.
 20. **Ghosh, S. K.** and P. Chakrabarti, 2014. Structural characterization of the olfactory epithelium of freshwater olive barb, *Puntius sarana* (Hamilton, 1822). **International Journal of Aquatic Biology**, 2 (3): 147-154. DOI: 10.22034/ijab.v2i3.78. (Impact Factor: 0.291)
 21. Chakrabarti, P. and **S. K. Ghosh**, 2014. Cyclical changes in interrenal and chromaffin cells in relation to testicular activity of olive barb, *Puntius sarana* (Hamilton). **Archives of Polish Fisheries**, 22 (2): 151-158. DOI: 10.2478/aopf-2014-0015. (Impact Factor: 0.372)
 22. **Ghosh, S. K.** and P. Chakrabarti, 2014. Histological and histochemical observations on the saccus vasculosus of freshwater featherback, *Notopterus notopterus* (Pallas, 1769). **Entomology and Applied Science Letters**, 1 (1): 27-34.

23. **Ghosh, S. K.** and P. Chakrabarti, 2014. Histochemical investigations on the olfactory epithelium of the freshwater minor carp, *Labeo bata* (Hamilton, 1822). **Bioinfo Aquatic Ecosystem**, 3 (1): 54-58.
24. **Ghosh, S. K.** and P. Chakrabarti, 2014. Histophysiological studies on the olfactory epithelium of banded pearl spot *Etroplus suratensis* (Bloch, 1790). **Journal of Entomology and Zoology Studies**, 2 (1): 78-82.
25. **Ghosh, S. K.** and P. Chakrabarti, 2013. Studies on the morphology of the olfactory organ in the freshwater teleost, *Labeo bata* (Hamilton). **Mesopotamian Journal of Marine Science**, 28 (2): 163-174. (Impact Factor: 0.8)
26. Chakrabarti, P. and **S. K. Ghosh**, 2013. Histochemical studies of the olfactory epithelium of brackish-water cichlid fish, *Etroplus suratensis* (Bloch). **Archives of Polish Fisheries**, 21 (4): 315-321. DOI: 10.2478/aopf-2013-0032. (Impact Factor: 0.372)
27. **Ghosh, S. K.** and P. Chakrabarti, 2013. Architectural pattern of different cells lining the olfactory epithelium of long-whiskered catfish, *Sperata aor* (Hamilton). **Mesopotamian Journal of Marine Science**, 28 (1): 69-80. (Impact Factor: 0.8)
28. Chakrabarti, P. and **S. K. Ghosh**, 2013. Histological and histochemical studies of the olfactory organ in bagrid catfish *Rita rita* (Hamilton, 1822). **Journal of Biological Sciences**, 13 (4): 242-249. DOI:10.3923/jbs.2013.242.249. (Impact Factor: 0.68)
29. **Ghosh, S. K.** and P. Chakrabarti, 2013. Histophysiology and histochemical analysis of the saccus vasculosus of butter catfish *Ompok bimaculatus* (Bloch, 1794). **Journal of Entomology and Zoology Studies**, 1 (3): 22-28.
30. Chakrabarti, P. and **S. K. Ghosh**, 2013. Structural organization of the olfactory epithelium of *Etroplus suratensis* (Bloch) and *Scatophagus argus* (Linnaeus) in relation to feeding habit: a comparative study. **Proceedings of International Level Seminar on Problems and Prospects of Coastal Aquaculture and Application of Biotechnological Tools for Rural Development volume**, pp. 85-95.
31. **Ghosh, S. K.** and P. Chakrabarti, 2013. Topological organization and functional aspects of the olfactory epithelium of whipfin silver biddy *Gerres filamentosus* (Cuvier 1829). **Pakistan Journal of Biological Sciences**, 16 (5): 245-250. DOI:10.3923/pjbs.2013.245.250. (Impact Factor: 1.04)
32. Chakrabarti, P. and **S. K. Ghosh**, 2012. Comparative histophysiology of pancreas in *Cirrhinus mrigala* (Hamilton, 1822), *Oreochromis nilotica* (Linnaeus, 1758) and *Wallago attu* (Bloch & Schneider, 1801). **Indian Journal of Fisheries**, 59 (4): 93-99. (Impact Factor: 0.2)
33. **Ghosh, S. K.** and P. Chakrabarti, 2012. Histological organization and microarchitecture of various cells lining the olfactory epithelium of *Rita rita* (Hamilton, 1822) (Siluriformes: Bagridae). **Biological Letters**, 49 (2): 89-96. DOI: 10.2478/v10120-012-0005-4. (Impact Factor: 0.144)
34. **Ghosh, S. K.** and P. Chakrabarti, 2012. Histochemical study of the olfactory rosette of *Cyprinus carpio* (Linnaeus, 1758). **Iranian Journal of Fisheries Sciences**, 11 (2): 305-314. (Impact Factor: 0.984)

35. **Ghosh, S. K.** and P. Chakrabarti, 2011. Distribution and organization of different cells lining the olfactory epithelium of the Indian minor carp, *Labeo bata* (Hamilton 1822): a light and scanning electron microscopic analysis. ***Pakistan Journal of Biological Sciences***, 14 (14): 736-741. DOI: 10.3923/pjbs.2011.736.741. (Impact Factor: 1.19)
36. Chakrabarti, P. and **S. K. Ghosh**, 2011. The structural organization and functional aspects of the olfactory epithelium of tigerperch, *Terapon jarbua* (Forsskål, 1775) (Perciformes: Terapontidae). ***Turkish Journal of Zoology***, 35 (6): 793-799. DOI: 10.3906/zoo-1004-29. (Impact Factor: 0.647)
37. Chakrabarti, P. and **S. K. Ghosh**, 2011. Histological and ultrastructural studies of the olfactory rosette of spotted butter fish *Scatophagus argus* (Linnaeus). ***Folia Morphologica***, 70 (2): 74-79. PMID: 21630226. (Impact Factor: 0.521)
38. **Ghosh, S. K.**, B. Ghosh and P. Chakrabarti, 2011. Fine anatomical structures of the intestine in relation to respiratory function of an air-breathing loach, *Lepidocephalichthys guntea* (Actinopterygii: Cypriniformes: Cobitidae). ***Acta Ichthyologica et Piscatoria***, 41 (1): 1-5. DOI: 10.3750/AIP2011.41.1.01. (Impact Factor: 0.490)
39. Chakrabarti, P. and **S. K. Ghosh**, 2010. Histoarchitecture and scanning electron microscopic studies of the olfactory epithelium in the exotic fish *Puntius javanicus* (Bleeker). ***Archives of Polish Fisheries***, 18 (3): 173-177. DOI: 10.2478/v10086-010-0019-7. (Impact Factor: 0.372)
40. **Ghosh, S. K.** and P. Chakrabarti, 2010. Histological and scanning electron microscopic organization and functional aspects of the surface olfactory epithelium of the freshwater minor carp, *Puntius sophore* (Hamilton). ***Proceedings of the Zoological Society***, 63 (2): 115-119. DOI: 10.1007/s12595-010-0016-2.
41. **Ghosh, S. K.** and P. Chakrabarti, 2010. Cellular organization and functions of the olfactory epithelium of pearl spot *Etroplus suratensis* (Bloch): a light and scanning electron microscopic study. ***Folia Morphologica***, 69(3): 154-159. PMID: 21154285. (Impact Factor: 0.521)
42. **Ghosh, S. K.** and P. Chakrabarti, 2010. Histological studies of saccus vasculosus of fishes *Notopterus notopterus* (Pallas) and *Ompok bimaculatus* (Bloch). ***Environment & Ecology***, 28 (1): 34-37.
43. Chakrabarti, P. and **S. K. Ghosh**, 2010. Histological and scanning electron microscopical study of the olfactory epithelium of Indian major carp, *Catla catla* (Hamilton). ***Folia Morphologica***, 69 (1): 24-29. PMID: 20235046. (Impact Factor: 0.521)
44. Chakrabarti, P. and **S. K. Ghosh**, 2009. Histophysiological studies on the saccus vasculosus of *Macrognathus aculeatus* (Bloch). ***Proceedings of the Zoological Society***, 62 (2): 139-142. DOI: 10.1007/s12595-009-0016-2.
45. **Ghosh, S. K.** and P. Chakrabarti, 2009. Cellular architecture and functional aspects of the olfactory rosette of *Wallago attu* (Bleeker). ***Turkish Journal of Fisheries and Aquatic Sciences***, 9 (2): 187-190. DOI: 10.4194/trjfas.2009.0210. (Impact Factor: 0.591)

46. Chakrabarti, P. and **S. K. Ghosh**, 2009. Ultrastructural organisation and functional aspects of the olfactory epithelium of *Wallago attu* (Bleeker). ***Folia Morphologica***, 68 (1): 40-44. PMID: 19384829. (Impact Factor: 0.521)

Book Chapters

1. **Ghosh, S. K.** and P. Chakrabarti, 2018. Comparative histological study of endocrine pancreas in *Labeo rohita* (Hamilton, 1822), *Mystus cavasius* (Hamilton, 1822) and *Notopterus notopterus* (Pallas, 1769). In: Sustainable management of aquatic resources (Mahapatra, B. K., A. K. Roy and N. C. Pramanik Ed.). Narendra Publishing House, Delhi: pp. 43-53.
2. Ray, S. and **S. K. Ghosh**, 2018. Breeding of fish. In: Studies of Sexual Perspectives (Biswas, D. Ed.). Banglar Mukh, Kolkata: pp. 291-300.
3. **Ghosh, S. K.**, B. Pan and P. Chakrabarti, 2017. Structural organization and functional aspects of the olfactory epithelium of red piranha, *Pygocentrus nattereri* (Kner, 1858). In: *Spare Nature* (Sinha, S. K. and S. Majumdar Ed.). Damodar Group, Burdwan: pp. 19-35.