

PUBLICATIONS IN PEER-REVIEWED INTERNATIONAL SCIENTIFIC JOURNALS

- **Mamta, S.K. and B. Senthilkumaran (2023).** MPTP induces neurodegeneration by modulating dopaminergic activity in the brain. *Neurotoxicology and Teratology* 95 (2023) 107146 (IF -4.07) ISSN: 0892-0362 <https://doi.org/10.1016/j.ntt.2022.107146>
- **Mamta, S.K. (2022).** Implicating transforming growth factor Tgf- β , and sex steroids in brain-gonadal functions (A review). *Journal of Reproduction and Healthcare Medicine* 2022, 3(9), 1-6. ISSN: 2214- 420X
- **Mamta S.K, Anusha, N., Senthilkumaran, B. (2022).** Impact of Transforming growth factor β : Cloning and expression profiling in brain development. *Journal of Endocrinology and Reproduction* 26(1), 43- 52. ISSN: 2455-1244
- **Mamta S.K., Sudhakumari, CC., Kagawa, H., Dutta-Gupta, A., Senthilkumaran, B. (2020).** Controlled release of sex steroids through osmotic pump alters brain GnRH1 and catecholaminergic system dimorphically. *Brain Research Bulletin*, 164,325-333. (IF-4.077) ISSN:0361-9230 <https://doi.org/10.1016/j.brainresbull.2020.08.022>
- **Mamta, S.K. and Senthilkumaran, B. (2018).** Glial derived Neurotrophic Factor (GDNF) family receptor α -1 : Possible implication to brain dopaminergic activity. *Brain Research Bulletin*, 140:270-280 (IF-4.077) ISSN: 0361-9230 <https://doi.org/10.1016/j.brainresbull.2018.05.010>
- **Deepa S¹., Mamta S.K¹., Anitha A¹. Senthilkumaran B (2022).** Exposure to carbon nanotubes affects the testis and brain of common carp. *Environmental Toxicology and Pharmacology*. 95(2022) 103957 (IF- 5.78). ISSN: 1382-6689. <https://doi.org/10.1016/j.etap.2022.103957>
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- **Kumar, V., Manu, S., Sekhar, A., Mamta, S.K., Sandeep, M., ... & Umapathy, G. (2022).** Discovery of 16-Androstenes (Androstenone and Androstenol), Their Synthesis Pathway, and Possible Role in Reproduction of Mouse Deer (*Moschiola indica*). *Cells*, 11(23), 3837. (IF-7.66). ISSN: 2073-4409 <https://doi.org/10.3390/cells11233837>
- **Swathi T¹., Akanksha P¹., Mamta S.K²., Senthilkumaran, B. (2021).** Development and organization of gonadal steroidogenesis in bony fishes-A Review. *Aquaculture and Fisheries* 6, 223-246 (IF-3.59) ISSN:20961758, 2468550X <https://doi.org/10.1016/j.aaf.2020.09.004>
- **Mamta, S.K (2024).** Dopamine depletion by MPTP-MPP+ targeted neurotoxicity: Regulation of DA-ergic activity in the brain. *Molecular Neurobiology (Revised)*.
- **Senthilkumaran, B., Sudhakumari, C.C., Mamta, S.K., Raghuveer, K., Swapna, I., Murugananth Kumar. R. (2015).** "Brain sex differentiation" in teleosts: Emerging concepts with potential biomarkers. *A Review. General and Comparative Endocrinology*, 220: 33- 40 (IF-3.2) ISSN: 10956840, 00166480 <https://doi.org/10.1016/j.ygcen.2015.06.003>
- **Murugananthkumar, R., Akhila, M.V., Rajakumar, A., Mamta, S.K., Sudhakumari, C.C., Senthilkumaran, B. (2015).** Molecular cloning, expression analysis, and transcript localization of testicular orphan nuclear receptor 2. *General and Comparative Endocrinology* 239:71-79 (IF-3.2)

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