

PUBLICATIONS:

A). International Refereed Publications:

1. Khan, M.N. and Janjua, M.Y. (2006). Improvement in fisher health & safety through poverty alleviation: A case study on Indus basin fishing communities in Pakistan. In "Proceedings of the 2nd International Fishing Industry Safety & Health Conference 22-24 September, 2003" (N.A. Mode, P. Wopat and G.A. Conway, Eds.), pp.89-101, National Institute of Occupational Safety & Health, Sitka, Alaska, U.S.A
2. Shahla, M.N., Obaid, U., Naeem, M.K., and Riazuddin, S. (2006). Identification of a new genetic variant in cattle alpha 1a gene (Locus EF121956, GI 119393698, 301 bp DNA linear MAM 19, Bos *Taurus alpha* lactalbumin gene, exon 2 and partial cds.). Bankit 862198 *Nucleotide* www.ncbi.nlm.nih.gov.
3. Khan, M.N., Renaud, R., and Leatherland, J.F. (1997). Steroid metabolism by embryonic tissues of Arctic charr, *Salvelinus alpinus*. *Gen. Comp. Endocrinol.* 105:344-357.
4. Khan, M.N., Renaud, R., and Leatherland, J.F. (1997). Metabolism by embryonic tissues of Arctic charr, *Salvelinus alpinus*. *Gen. Comp. Endocrinol.* 107:118-127.
5. Khan, M.N., Reddy, P.K., Renaud, R., and Leatherland, J.F. (1997). Application of HPLC methods to identify plasma profiles of 11-oxygenated androgens and other steroids in female Arctic charr (*Salvelinus alpinus*) during gonadal recrudescence. *Comp. Biochem. Physiol.* 118C:221-227.
6. Khan, M.N., Reddy, P.K., Renaud, R., and Leatherland, J.F. (1997). Effect of cortisol on the metabolism of 17-hydroxyprogesterone by Arctic charr and rainbow trout embryos. *Fish Physiol. Biochem.* 16:197-209.
7. Khan, M.N. (1996). Studies on the steroid hormone metabolism by Arctic Charr (*Salvelinus alpinus*) embryos. Ph.D. Thesis, University of Guelph, Ontario, Canada. Pp 210.
8. Khan, M.N., Renaud, R., and Leatherland, J.F. (1996). Plasma steroid hormone profile in an anovulatory Arctic charr, *Salvelinus alpinus* (L.), exhibiting ovarian cysts. *J. Fish Dis.* 19:389-394.
9. Khan, M.N., Renaud, R. and Leatherland, J.F. (1996). Arctic charr embryos can inactivate steroid hormones *in vitro*. *Biol. Reprod.* 54: 93-93, (Suppl. 1).
10. Leatherland, J.F., Brett, S., Fabridge, K., Holloway, A., Khan, M.N., Lin, L., and Reddy, P.K. (1995). Rainbow trout: Following the lunar and diurnal cycles of fish, maximizing feed conversion & growth. *Agri-food Reserarch* 18:2-7.
11. Reddy, P.K., Leatherland, J.F., Khan, M.N., and Boujard, T. (1994). Effect of the daily mealtime on the growth of rainbow trout fed different ratio levels. *Aquaculture International* 2:265-179.

B). International Refereed Conference Proceedings:

12. Khan, M.N., Renaud, R.L. and Leatherland, J.F. (1996). Synthesis of free and conjugated 17a, 20b-dihydroxy-4-pregnene-3-one by embryos of Arctic charr (*Salvelinus alpinus*). In "Proceedings of the International Congress on the Biology of Fishes" (D.D. Mackinlay and M. Eldridge, Eds.), pp. 85-93, San Francisco State University, San Francisco, USA.
13. Khan, M.N., Reddy, P.K. Renaud, R.L. and Leatherland, J.F. (1996). *In vitro* cortisol metabolism by embryonic tissues of Arctic charr and rainbow trout. In "Proceedings of the International Congress on the Biology of Fishes: (D.D. Mackinlay and M. Eldridge, Eds.) pp. 179-187. San Francisco State University, San Francisco, USA.

14. Khan, M.N., Renaud, R.L. and Leatherland, J.F. (1995). Correlation between plasma and egg steroid hormone content of Arctic charr. In "Reproductive Physiology of Fish, 1995. Proceedings of the Fifth International Symposium on Reproductive Physiology of Fish" (F.W. Goetz and P. Thomas, Eds.), p. 366. University of Texas, Austin, Texas, USA.

C). International Conferences Abstracts:

15. Ali, Z., Arshad, M., Omer, S., Akhtar, M. and Khan, M.N (2007). Assessing biodiversity of central Indus wetlands complex, Pakistan: With challenges of promoting conservation. In "Proceedings of International Conference on Conservation, July 4-7, 2007, Ecological Complexity: International Journal on Biodiversity in the Environmental and Theoretical Ecology (Elsevier), University of Waikato, **Hamilton, New Zealand**.
16. Khan, M.N & Ali, Z. (2007). Peculiarities of Mangla Reservoir: Biodiversity with sustainable use options. In "Proceedings of Eco Summit 2007: Ecological complexity and Sustainability: Challenges and Opportunities for 21st Century's Ecology, May 22-27, 2007. Beijing Jiuhua Resort & Convention Center, **Beijing, PR China**.
17. Khan, M.N., Ali, Z., & Akhtar, M. (2007). A discussion paper on problems, root causes and sustainable use of Pakistan wetlands biodiversity. In "Proceedings of the International Conference on Environment: Survival and sustainability ((MT2-OP1163/71), 18-24 February 2007, Nicosia, Northern Cyprus.
18. Khan, M.N. & Janjua M.Y. (2005). Development of higher education institutions in Pakistan through quality assurance, enabling environment and good governance. In "Proceedings of the International Conference on Healthy University, November 20-22, 2005, Universiti Sains Malaysia, Penang, Malaysia.
19. Khan, M.N. & Janjua, Y. (2005). Promotion of Inland Recreational Fisheries in Developing Countries:- A South East Asian Prospective. In "Proceedings of the World Recreational Fishing Conference, Trondheim , Norway, 12th - 16th June 2005 (*Paper Accepted December 4, 2004*).
20. Khan, M.N. & Janjua, Y. (2005). Prevention of fish zoonotic diseases through occupational health and safety in aquaculture industry in Pakistan. In "Proceedings of the 3rd Annual Conference of Indian Association of Veterinary Public Health Specialists (IAVPHS) & National Symposium, Punjab Agriculture University, Ludhiana, India 9-10 February 2005 (*Paper Accepted January 28, 2005*).
21. Khan, M.N. & Janjua, Y. (2004). Water conservation and aquaculture development through small scale dams reservoirs in Northern Punjab, Pakistan. In "Proceedings of the 7th Intecol International Utrecht 2004 Wetlands Conference, University of Utrecht, Utrecht, The Netherland, 25-30 July, 2004 (*Paper Accepted Jan 16, 2004*).
22. Khan, M.N. (2003). Improvement in fisher health & safety through poverty alleviation- A case study on Indus basin fishing communities. In "Proceedings of the 2nd International Fish Health & Safety Conference, Sitka, Alaska, U.S.A, 22-24 September, 2003.
23. Khan, M.N., Reddy, P.K., Renaud, R.L. and Leatherland, J.F. (1998). Metabolism of yolk thyroid by the embryos of Arctic charr; ontogeny of a functional hypothalamic-pituitary gland-thyroid tissue axis. In "Proceedings of 77th Annual Meeting of American Society for Ichthyologists and Herpetologists. University of Washington, Seattle, WA, USA. (Internet publication Washington Fisheries Congress, <http://artedi.fish.washington.edu/asih/abstract/KHANM>
24. Khan, M.N., Renaud, R.L. and Leatherland, J.F. (1996). Hormone metabolism by Arctic charr embryos. In "Proceedings of the 13th Annual Meeting of the Aquaculture Association of Canada.

- Aquaculture Canada '96", Ottawa, Ontario, 2-5 June, 1996, (T. Sephton and A. Leblanc, Eds.). p. 23. *Aquaculture Association of Canada*, St. Andrews, NB (Supple. ACC Bulletin 96:2).
25. Khan, M.N., Renaud, R.L. and Leatherland, J.F. (1996). Arctic charr embryos can inactivate steroid hormones *in vitro*. In "Proceedings of the 29th Annual Meeting of the Society for the Study of Reproduction, July 27-30, 1996, London, Ontario. Biol. Rep. 54 (supple.), 80.
 26. Khan, M.N., Reddy, P.K. and Leatherland, J.F. (1994). Changes in plasma hormones concentrations during gonadal maturation of Arctic charr: Maternal hormonal contributions to eggs. In "Proceedings of 18th Annual Larval Fish conference: American Fisheries Society" Huntsman Marine Science Center, St. Adnrews, New Brunswick, 26-28 June, 1994.
 27. Khan, M.N., Reddy, P.K. and Leatherland, J.F. (1994). Ontogeny of pituitary-thyroid-axis in Arctic charr, *Salvelinus alpinus*. In "Proceedings of 18th Annual Larval Fish conference: American Fisheries Society" Huntsman Marine Science Center, St. Andrews, New Brunswick, 26-28 June, 1994.
 28. Khan, M.N., Reddy, P.K. and Leatherland, J.F. (1994). Changes in the whole body concentrations of thyroid hormones during larval development in Arctic charr, *Salvelinus alpinus*. In "Proceeding of the 3rd Annual Fish Physiology and Biochemistry Workshop held at Keene, Ontario, Canada, February 25-27, 1994".
 29. Khan, M.N. and Leatherland, J.F. (1993). Radioactive iodide uptake peaks with hatching in developing embryos in Arctic charr. Does it indicate the initiation of pituitary-thyroid function? In "Proceedings 32nd Annual Conference of Canadian Society of Zoologists. University of Guelph, Ontario.5-8 May,1993", *Bull. Can. Soc. Zool.* 24, 2.
 30. Khan, M.N. and Leatherland, J.F. (1993). Development embryology of thyroid follicles in embryos of goitered Great Lakes stocks of coho salmon. In "Proceedings of International Congress on Comparative Endocrinology", Toronto, Ontario. 16-21 May, 1993.

D) National Refereed Publications:

31. Ali, Z., Ahmed, S., Khan, M. N. and Akhtar, M., (2007). Recent records of globally endangered white headed duck (*Oxyura leucocephala*) in Pakistan. *J. Anim. Pl. Sci.* 17(1-2): 36-40.
32. Ali, Z., Ahmed, S., Akhtar, M., Khan, M.A. and Khan, M.N. (2007). Ecology and diversity of planktons in Lakes of Uchalli Wetlands Complex, Pakistan. *J. Anim. Pl. Sci.* 17(1-2): 41-43.
33. Khan, M.N., Janjua, M.Y., Ali, Z (2005): Importance of fisheries and wildlife Education in Pakistan. *Journal of Educational Research* 8(2):13-18.
34. Khan, M.N., Elahi, N., Rashid, T., and Janjua, M.Y. (2004): Studies on the effect of percolation on water quality, pond productivity and fish growth using PVC Geo Membrane. *The Environ Monitor* 13(1):22-26.
35. Khan, M.N., Janjua, M.Y. and Khan, N. (2004): Conservation of Coral Reef Biodiversity. *The Engineering News (A Quarterly Journal of Pakistan Engineering Congress)* 42(1):21-25.
36. Khan, M.N. & Janjua, Y. (2004). Poverty alleviation through fish farming: Integrated participatory approach. In "Proceedings of National Conference on: Role of agriculture in poverty alleviation, Pakistan Agriculture Research Council, Islamabad, April 21-23, 2004.
37. Khan, M.N., and Janjua, M.Y. (2003): WTO Regime: Potential threat to sustainable fisheries conservation. *The Environ Monitor* 12(3):11-14.
38. Iqbal, Z., Minhas, I.K., and Naeem Khan (2001). Aquaculture Development in Punjab, Pakistan - A case study. *Science Intern.* 13(3):283-288.

39. Iqbal, Z., Minhas, I.K., Majeed, A., and Naeem Khan (2001). Disease prevalence in culturable fish species in Punjab, Pakistan. *Pak. J. Fish.* .
40. Minhas, I.K., Majeed, A., Iqbal, Z. and Naeem Khan (2001). Control of *Lernaea cyprinacea* using Diptrex (0,0-dimethyl-2-2-2 trichloro-1-hydroxyle phosphonate) in fish ponds in Punjab, Pakistan. *Science Intern.* 13(4):385-387.
41. Iqbal, Z., Minhas, I.K., Tahir, S. and Naeem Khan (2001). Seasonal occurrence of Lernaeasis in culturable fish in Punjab. Proceedings of the 21st Pakistan Congress of Zoology (International), 15-17 March, 2001 (*In press*).
42. Shah, A.A., Rashid, T., Ayub, M. and Khan, M.N. (2000). *In vitro* culture of micro-algae, *Scenedesmus quadricauda* at commercial level. *Pak. J. Fish.* 1, 49-54.
43. Abidi, S.Z.A., Ayub, M., Shah, A.A., Mehmood, I., Wahid, S.S., Mir, M., Arshad, M., Mushtaq, M., and Khan, M.N. (2000). Chemical control of fish fry predators-A toxicological study. *Pak. J. Fish.* 1, 63-72.
44. Asif, A., Ashraf, A., Ayub, M., Abidi, S.Z.A., and Khan M.N. (2000). Water quality profile of fish farms in various ecological zones of Punjab. *Pak. J. Fish.* 1, 81-88.
45. Javed, M.Y., Salam, A., Khan, M.N., and Naeem, M. (1992). Weight-length and condition factor relationship of a freshwater wild Mahseer, *Tor putitora* from Islamabad, Pakistan. *Proc. Pakistan Cong. Zool.* 12, 335-340.
46. Khan, M.N., Janjua, M.Y., and Naeem, M. (1992). Breeding of carps with ovaprim (LH-RH analogue) at fish hatchery Islamabad. *Proc. Pakistan Cong. Zool.* 12, 545-552.
47. Naeem, M., Salam, A., and Khan, M.N. (1992). Morphometric studies of an exotic fish *Oreochromis nilotica* in relation to body size. *Proc. Pakistan Cong. Zool.* 12, 599-605.
48. Salam, A., Khan, M.N., and Naeem M. (1991). Effect of body size and condition factor on body composition of an exotic fish, *Tilapia nilotica*. *Proc. Pakistan Cong. Zool.* 11, 191-200.
49. Cheema, A.M., and Khan, M.N. (1987). Some chemical constituents of accessory sex organs in different functional states of endocrine pancreas in male rats. *Pak. J. Biochem.* 20, 17-21.