

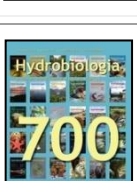
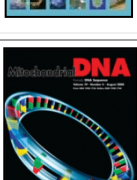
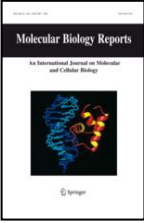








List of papers published by NBFGR during 2015-2016



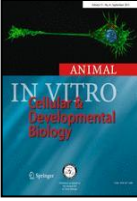
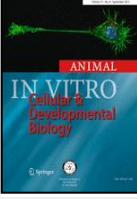




Sl. No.	Journal	Publication	Impact Factor	
			ISI (2014)	NAAS (2014)
1.		Abdussamad, E. M., T. B. Retheesh, R. Thangaraja, K. K. Bineesh, and D. Prakasan, 2015. <i>Sphyaena arabiansis</i> a new species of barracuda (Family: Sphyaenidae) from the south-west coast of India. <i>Indian Journal of Fisheries</i> , 62(2), 1-6.	0.198	6.2
2.		Abidi, R., N. Fariya, and U. K. Chauhan, 2015. Development and standardization of PCR technique to detect myxozoan parasites and its use in identification of two exotic <i>Myxobolus</i> species from Indian catfish <i>Clarias batrachus</i> (linn.) <i>International Journal of fisheries & Aquatic Studies</i> , 2 (4): 374- 377.	-	-
3.		Abidi, R., N. Fariya, M. Irshan and U. K. Chauhan, 2015. A new species of myxozoan parasite, <i>Myxobolus lucknowii</i> sp. nov. in kidney of <i>Clarias batrachus</i> Linn. from river Gomti at Lucknow. <i>Trends in Parasitology Research</i> : 4(1): 2319-3158.	0.309	-
4.		Agarwal, S., N. S. Nagpure, P. Srivastava, B. Kushwaha, R. Kumar, M. Pandey and S. Srivastava, 2016. <i>In silico</i> genome wide mining of conserved and novel miRNAs in the brain and pineal gland of <i>Danio rerio</i> using small RNA sequencing data. <i>Genomics Data</i> 7: 46–53.	-	-
5.		Baisvar, V. S., R. Kumar, M. Singh, A. K. Singh, U. K. Chauhan, N. S. Nagpure and B. Kushwaha, 2015. ATPase 8/6 gene based genetic diversity assessment of snakehead murrel, <i>Channa striata</i> (Perciformes, Channidae). <i>Russian Journal of Genetics (Genetika)</i> , 51(10): 1007–1019.	0.446	-
6.		Bineesh, K. K, A. Gopalakrishnan, J. K.Jena, V. S. Basheer, C. Mohitha, N. Vineesh, M. Joselet and N. G. K. Pillai, 2015. Molecular identification of Bigeyes (Perciformes, Priacanthidae) from Indian waters, <i>Mitochondrial DNA</i> . Online 1-5.	1.701	7.70
7.		Bineesh, K. K. C. Mohitha, N. Vineesh, V. S. Basheer, M. Joselet, K. V. Akhilesh, J.K. Jena and A. Gopalakrishnan, 2015. Molecular identification of three deep-sea fishes of the genus <i>Chelidoperca</i> (Perciformes: Serranidae) from Indian waters. <i>Indian Journal of Fisheries</i> 62(4): 104-108.	0.198	6.2

8.		Das, S P., A. Bit, S. Patnaik, L. Sahoo, P. K. Meher, P. Jayasankar, T. M.Saha, A. B. Patel, N. Patel, P. Koringa, C. G. Joshi, S. Agarwal, M. Pandey, S. Srivastava, B Kushwaha, R. Kumar, N. S. Nagpure, M. A. Iquebal, S. Jaiswal, D. Kumar, J K Jena and P Das (2015). Low-depth shotgun sequencing resolves complete mitochondrial genome sequence of <i>Labeorohita</i> . <i>Mitochondrial DNA</i> : DOI: 10.3109/19401736.2015.1074197.	1.701	7.70
9.		Das, S. K. and S. K. Majhi, 2015. Low water temperature induces stress and affects somatic growth in teleost <i>Channa stewartii</i> (Perciformes). <i>Aquaculture Research</i> , 46: 3088–3092.	1.32	7.3
10.		Devassy, A., R. Kumar, P. P. Shajitha, R. John, K. G. Padmakumar, V. S. Basheer, A. Gopalakrishnan, and L. Mathew, 2015. Genetic identification and phylogenetic relationships of Indian clariids based on mitochondrial COI sequences. <i>Mitochondrial DNA</i> (Online first).	1.701	7.70
11.		Dubey, A., M. Goswami, K. Yadav and D. Chaudhary, 2015. Oxidative stress and nano-toxicity induced by TiO ₂ and ZnO on WAG cell line. <i>PLoS ONE</i> 10 (5): e0127493. doi:10.1371/journal.pone.0127493.	-	-
12.		Goswami, M., G. Hariprasad, A. Dubey, R. Kumar, N. S. Nagpure, A. Srinivasan, T. P. Singh and W. S. Lakra, 2015. Proteomics analysis of liver tissue of <i>Labeo rohita</i> . <i>Current Proteomics</i> , 12(1): 56-62.	0.635	-
13.		Jeena, N. S., A. Gopalakrishnan E. V. Radhakrishnan, J. K. Kizhakudan, V. S. Basheer, P. K. Asokan, and J. K. Jena, 2015. Molecular phylogeny of commercially important lobster species from Indian coast inferred from mitochondrial and nuclear DNA sequences. <i>Mitochondrial DNA</i> , ISSN: 1940-1736, 1940-1744.	1.701	7.70
14.		Jeena, N. S., A. Gopalakrishnan, J. K. Kizhakudan, E. V. Radhakrishnan, R. Kumar, and P. K. Asokan, 2015. Population genetic structure of the shovel-nosed lobster <i>Thenus unimaculatus</i> (Decapoda, Scyllaridae) in Indian waters based on RAPD and mitochondrial gene sequences <i>Hydrobiologia</i> DOI 10.1007/s10750-015-2458-z.	1.964	-
15.		Joy, L., C. Mohitha, P. R. Divya, A. Gopalakrishnan, V.S. Basheer and J. K. Jena, 2015. Weak genetic differentiation in cobia, <i>Rachycentron canadum</i> from Indian waters as inferred from mitochondrial DNA ATPase 6 and 8 genes. <i>Mitochondrial DNA</i> , 1-3. (Online first)	1.701	7.70

16.		Kumar, R., B. K. Pandey, U. K. Sarkar, N. S. Nagpure, V. S. Baisvar, P. Agnihotri, A. Awasthi, A. Mishra and N. Kumar, 2016. Population genetic structure and geographic differentiation in butter catfish, <i>Ompok bimaculatus</i> , from Indian waters inferred by cytochrome b mitochondrial gene. <i>Mitochondrial DNA</i> . doi /10.3109/ 19401736.2015.1137898.	1.701	7.70
17.		Kumar, R., T. R. Swaminathan, R. Kumar, A. Dharmaratnam, V. S. Basheer and J. K. Jena, 2015. Mass mortality in ornamental fish, <i>Cyprinus carpio koi</i> caused by a bacterial pathogen, <i>Proteus hauseri</i> . <i>Acta Tropica</i> .	2.787	8.79
18.		Kushwaha, B., R. Kumar, S. Agarwal, M. Pandey, N. S. Nagpure, M. Singh, S. Srivastava, C. G. Joshi, P. Das, L. Sahoo, P. Jayasankar, P. K. Meher, T. M. Shah, A. B. Patel, N. Patel, P. Koringa, S. P. Das, S. Patnaik, A. Bit, S. Jaiswal, M. A. Iquebal, D. Kumar and J. K. Jena, 2015. Assembly and variation analyses of <i>Clarias batrachus</i> mitogenome retrieved from WGS data and its phylogenetic relationship with other catfishes. <i>Meta Gene</i> . 5: 105-14.	-	-
19.		Lakra, W. S., M. Singh, M. Goswami, A. Gopalakrishnan, K. K. Lal, V. Mohindra, U. K. Sarkar, P. Punia, K. V. Singh, J. P. Bhatt and S. Ayyappan, 2015. DNA barcoding Indian freshwater fishes. <i>Mitochondrial DNA</i> , 24:1-8.	1.701	7.70
20.		Lal, K. K., B.K. Gupta, P. Punia, V. Mohindra, V.P. Saini, A.K. Dwivedi, R. K. Singh, S. Dhawan, R.K. Luhariya, V.S. Basheer and J.K. Jena, 2015. Revision of gonius subgroup of the Genus <i>Labeo</i> Cuvier, 1816 and confirmation of species status of <i>Labeo rajasthanicus</i> (Cypriniformes: Cyprinidae) with designation of a neotype Indian Journal of Fisheries, 62(4) : 10-22, 2015.	0.198	6.2
21.		Lalhimpuia, D.V., R. Shukla, M. Singh and Lalramliana, 2015. First report of the genus <i>Neonoemacheilus</i> Zhu & Guo (Cobitidae: Nemacheilidae) from rivers of Mizoram, northeastern India with a note on <i>N. assamensis</i> Menon. <i>Science Vision</i> 15(3):145-151.	-	-
22.		Mandal, S., J. K. Jena, R. K. Singh, V. Mohindra, W. S. Lakra, G. Deshmukhe, R. Kumar and K. K. Lal, 2016. Genetic characterization of Silond catfish, <i>Silonia silondia</i> (Hamilton, 1822) inferred from two mitochondrial markers. <i>Mitochondrial DNA</i> , 27(2):1075-9.	1.701	7.70

23.		Mandal, S., J. K. Jena, R. K. Singh, V Mohindra, W. S. Lakra, G. Deshmukhe, A. Pathak and K. K Lal, 2016. De novo development and characterization of polymorphic microsatellite markers in a schilbid catfish, <i>Silonia silondia</i> (Hamilton, 1822) and their validation for population genetic studies. <i>Molecular Biology Reports</i> , 43(2):91-8. doi: 10.1007/s11033-016-3941-y.	1.96	7.99
24.		Mohindra, V, R. K. Singh, R. Kumar, R. S. Sah and K. K. Lal, 2015. Complete mitochondrial genome sequences of two endangered Indian catfish species, <i>Clarias batrachus</i> and <i>Pangasius pangasius</i> . <i>Mitochondrial DNA</i> , 26(5): 678–679.	1.701	7.70
25.		Mohindra, V., R. K. Tripathi, P. Yadav, R. K. Singh and K. K. Lal, 2015. Hypoxia induced altered expression of heat shock protein genes (Hsc71, Hsp90 α and Hsp10) in Indian Catfish, <i>Clarias batrachus</i> (Linnaeus, 1758) under oxidative stress. <i>Molecular Biology Reports</i> , 42(7):1197-209.	1.96	7.99
26.		Mohindra, V., R. K. Singh, R. K. Tripathi, K. K. Lal and J. K. Jena, 2016. Complete mitogenome of Indian mottled eel, <i>Anguilla bengalensis bengalensis</i> (Gray, 1831) through PacBio RSII sequencing. <i>Mitochondrial DNA</i> , doi:10.3109/19401736.2015.1115858 in press.	1.701	7.70
27.		Nagpure, N. S., A. K. Mishra, A. S. Ninawe, A. Rasal, A. Dubey, A. Kumar, M Goswami, R. Kumar and J. K. Jena, 2016. Molecular and cytogenetic characterization of fish cell lines and its application in aquatic research. <i>National Academy of Science Letters</i> , 39(1): 11–16.	0.24	6.24
28.	PLOS One	Nagpure, N. S., I. Rashid, A. K. Pathak, M. Singh, R. Pati, S. P. Singh and U. K. Sarkar, 2015. FMiR: A curated resource of mitochondrial DNA information for fishes of Indian subcontinent. <i>PLOS One</i> . DOI 10.1371/journal.pone.0136711.	4.092	-
29.		Nagpure, N. S., I. Rashid, R. Pati, A. K. Pathak, M. Singh, S. P. Singh and U. K. Sarkar (2015) <i>In silico</i> analysis of SSRs in mitochondrial genomes of fishes. <i>Mitochondrial DNA</i> 26(2): 195-201.	1.701	7.70
30.		Nagpure, N. S., R. Srivastava, R. Kumar, A. Dabas, B. Kushwaha and P. Kumar, 2015. Assessment of pollution of river Ganges by tannery effluents using genotoxicity biomarkers in murrel fish, <i>Channa punctatus</i> (Bloch). <i>Indian Journal of Experimental Biology</i> , 53: 476-483.	0.835	-

31.		Nagpure, N. S., R. Srivastava, R. Kumar, B. Kushwaha, S. K. Srivastava, P. Kumar and A. Dabas (2015). Assessment of genotoxic and mutagenic potential of hexavalent chromium on the freshwater fish <i>Labeo rohita</i> (Hamilton, 1882). <i>Drug and Chemical Toxicology</i> , 38(1): 9-15.	1.098	7.10
32.		Ortiz, N. N., V. Stocchi, A. Toffan, F. Pascoli, N. Sood, F. Buonocore, C. Papeschi, K. D. Thompson and G. Scapigliati, 2015. Quantitative immunoenzymatic detection of viral encephalopathy and retinopathy virus (Betanodavirus) in sea bass <i>Dicentrarchus labrax</i> . <i>Journal of Fish Diseases</i> . doi:10.1111/jfd.12415.	2.056	-
33.		Pathak, A.K., R. K. Isaac, S. P. Singh, R. Kumar, R. Dayal and R. Chaturvedi, 2015. Design and implementation of a web framework for digital identification keys to identify fishes. <i>International Journal of Agricultural Science and Research</i> 5, (3), 243-258.	-	-
34.		Raizada, S., P.P. Srivastava, V. Sahu, K.C. Yadav and J.K. Jena, 2015. Observations on captive breeding of the threatened freshwater shark <i>Wallago attu</i> (Bloch & Schneider, 1801) <i>Indian Journal of Fisheries</i> 62 (4).	0.198	6.2
35.		Raman, S., A. Pavankumar, P. G. Koringa, N. Patel, T. Shah, R. K. Singh, G. Krishna, C. G. Joshi, P. Gireesh Babu, A. Chaudhari and W. S. Lakra 2016 Ion torrent next-generation sequencing reveals the complete mitochondrial genome of endangered mahseer <i>Tor khudree</i> (Sykes, 1839) <i>Mitochondrial DNA</i> , doi: 10.3109/19401736.2015.1060455.	1.701	7.70
36.		Rebello, S. C., G. Rathore, P. Punia and N. Sood, 2015. Development and characterization of a monoclonal antibody against the putative T cells of <i>Labeo rohita</i> . <i>Cytotechnology</i> DOI 10.1007/s10616-014-9800-6.	1.449	-
37.	<i>Indian Academy of Sciences</i>	Sajeela, K. A., A. Gopalakrishnan, V. S. Basheer, K. K. Bineesh and J. K. Jena, 2015. Development and characterization of eighty-one microsatellite markers in Indian white shrimp, <i>Fenneropenaeus indicus</i> , through cross-amplification. <i>Indian Academy of Sciences</i> . http://www.ias.ac.in/jgenet/OnlineResources/e43.pdf	-	-
38.		Sharma J., A. Parashar, U. K. Sarkar, R. Dayal, A. K. Pandey and P. Bagare, 2015. Mahseer in Indian waters with special reference to conservation strategies for <i>Tor tor</i> in Madhya Pradesh (India). <i>Indian Journal of Applied Biosciences.</i> , 41(2): 110-123		

39.		Singh A.K., R. Kumar, M. Singh, A. K. Mishra, U. K. Chauhan, V. S. Baiswar, R. Verma, N. S. Nagpure and B Kushwaha, 2015. Mitochondrial 16S rRNA gene based evolutionary divergence and molecular phylogeny of <i>Barilius</i> spp. <i>Mitochondrial DNA</i> , 26(1): 41-47.	1.701	7.70
40.		Singh, R. K., V. Mohindra, A Pathak, K. K. Lal and J. K. Jena, 2015. Complete sequence and characterization of mitochondrial genome in great snakehead, <i>Channa marulius</i> (Hamilton, 1822). <i>Mitochondrial DNA</i> 26 (3), 473-474.	1.701	7.70
41.		Sood, N., D. K. Chaudhary, P. K. Pradhan, D. K. Verma, T. R. Swaminathan, B. Kushwaha, P. Punia and J. K. Jena, 2015. Establishment and characterization of a continuous cell line from thymus of striped snakehead, <i>Channa striatus</i> (Bloch 1793). <i>In Vitro Cellular Developmental Biology - Anim.</i> 51: 787–796.	0.853	-
42.		Swaminathan, T. R., V. S. Basheer, R. Kumar, A. K. Pandian, N. Sood and J.K. Jena, 2015. Establishment and characterisation of fin derived cell line from ornamental carp, <i>Cyprinus carpio</i> var. <i>Koi</i> for virus isolation in India. <i>In vitro Developmental and Cellular Biology</i> , DOI: 10.1007/s11626-015-9881-3.	0.853	-
43.		Tyagi, L. K., A. S. Bisht and Amar Pal, 2015. Co-management of Reservoir Fisheries for Sustainable Livelihoods: Insights for Fishery Managers and Extension Professionals from Field Studies in India. <i>Indian Journal of Extension Education</i> , 51 (1&2): 45-55.		3.26
44.		Verma, D. K., G. Rathore, P. K. Pradhan, N. Sood and P. Punia, 2015. Isolation and characterization of <i>Flavobacterium columnare</i> from freshwater ornamental goldfish <i>Carassius auratus</i> . <i>Journal of Environmental Biology</i> 36: 433-439.	0.553	6.55
45.		Vineesh, N., A. K. Pandian, P. R. Divya, C. Mohitha, V. S. Basheer, A. Gopalakrishnan, and J. K. Jena, 2015. Hints for panmixia in <i>Scomberomorus commerson</i> in Indian waters revealed by mitochondrial ATPase 6 and 8 genes. <i>Mitochondrial DNA</i> , 1-3 (Online first).	1.701	7.70
46.		Yadav, M. K., P. K. Pradhan, N. Sood, D. K. Chaudhary, D. K. Verma, U. K. Chauhan, P. Punia and J. K. Jena, 2016. Innate immune response against an oomycete pathogen <i>Aphanomyces invadans</i> in common carp (<i>Cyprinus carpio</i>), a fish resistant to epizootic ulcerative syndrome. <i>Acta Tropica</i> . 155: 71-76.	2.787	8.79