

# Antiviral Sensing in Teleost Fish

Current Pharmaceutical Design

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Immunity to Fish Rhabdoviruses. <i>Viruses</i> , 2012, 4, 140-166.	1.5	82
2	The innate and adaptive immune system of fish. , 2012, , 3-68.		77
3	Fish cell cultures as inÂvitro models of pro-inflammatory responses elicited by immunostimulants. <i>Fish and Shellfish Immunology</i> , 2012, 33, 389-400.	1.6	36
4	Protective Roles of Grass Carp <i>Ctenopharyngodon idella</i> Mx Isoforms against Grass Carp Reovirus. <i>PLoS ONE</i> , 2012, 7, e52142.	1.1	52
5	Identification and expression profiles of grass carp <i>Ctenopharyngodon idella</i> <scp>tlr</scp>7</i> in responses to doubleâ€stranded RNA and virus infection. <i>Journal of Fish Biology</i> , 2012, 80, 2605-2622.	0.7	33
6	Two novel homologs of high mobility group box 3 gene in grass carp ( <i>Ctenopharyngodon idella</i> ): Potential roles in innate immune responses. <i>Fish and Shellfish Immunology</i> , 2013, 35, 1501-1510.	1.6	10
7	Fish immunity to scuticociliate parasites. <i>Developmental and Comparative Immunology</i> , 2013, 41, 248-256.	1.0	16
8	The megalocytivirus-induced protein CsMig1 enhances <i>Cynoglossus semilaevis</i> resistance against viral infection. <i>Veterinary Immunology and Immunopathology</i> , 2013, 151, 173-179.	0.5	3
9	Neuroendocrineâ€immune interaction: Regulation of inflammation via G-protein coupled receptors. <i>General and Comparative Endocrinology</i> , 2013, 188, 94-101.	0.8	34
10	Characterizations of two grass carp <i>Ctenopharyngodon idella</i> HMGB2 genes and potential roles in innate immunity. <i>Developmental and Comparative Immunology</i> , 2013, 41, 164-177.	1.0	35
11	Genomic sequence comparison, promoter activity, SNP detection of RIG-I gene and association with resistance/susceptibility to grass carp reovirus in grass carp ( <i>Ctenopharyngodon idella</i> ). <i>Developmental and Comparative Immunology</i> , 2013, 39, 333-342.	1.0	14
12	Two HMGB1 genes from grass carp <i>Ctenopharyngodon idella</i> mediate immune responses to viral/bacterial PAMPs and GCRV challenge. <i>Developmental and Comparative Immunology</i> , 2013, 39, 133-146.	1.0	44
13	Trunk kidney of grass carp ( <i>Ctenopharyngodon idella</i> ) mediates immune responses against GCRV and viral/bacterial PAMPs inÂvivo and inÂvitro. <i>Fish and Shellfish Immunology</i> , 2013, 34, 909-919.	1.6	52
14	Fish cell cultures as inÂvitro models of inflammatory responses elicited by immunostimulants. Expression of regulatory genes of the innate immune response. <i>Fish and Shellfish Immunology</i> , 2013, 35, 979-987.	1.6	56
15	Gene-based polymorphisms, genomic organization of interferon-Î² promoter stimulator 1 (IPS-1) gene and association study with the natural resistance to grass carp reovirus in grass carp <i>Ctenopharyngodon idella</i> . <i>Developmental and Comparative Immunology</i> , 2013, 41, 756-765.	1.0	13
16	Functional characterization of the evolutionarily preserved mitochondrial antiviral signaling protein (MAVS) from rock bream, <i>Oplegnathus fasciatus</i> . <i>Fish and Shellfish Immunology</i> , 2014, 40, 399-406.	1.6	22
17	CpG methylation in the 5â€flanking region of LGP2 gene lacks association with resistance/susceptibility to GCRV but contributes to the differential expression between muscle and spleen tissues in grass carp, <i>Ctenopharyngodon idella</i> . <i>Fish and Shellfish Immunology</i> , 2014, 40, 154-163.	1.6	13
18	Reprint of â€Fish immunity to scuticociliate parasitesâ€: <i>Developmental and Comparative Immunology</i> , 2014, 43, 280-289.	1.0	17

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19	Molecular characterizations of grass carp ( <i>Ctenopharyngodon idella</i> ) TBK1 gene and its roles in regulating IFN-I pathway. <i>Developmental and Comparative Immunology</i> , 2014, 45, 278-290.	1.0	56
20	Identification, characterization and immunological response analysis of stimulator of interferon gene (STING) from grass carp <i>Ctenopharyngodon idella</i> . <i>Developmental and Comparative Immunology</i> , 2014, 45, 163-176.	1.0	28
21	Insights into the Antiviral Immunity against Grass Carp ( <i>Ctenopharyngodon idella</i> ) Reovirus (GCRV) in Grass Carp. <i>Journal of Immunology Research</i> , 2015, 2015, 1-18.	0.9	176
22	Fish IRF3 up-regulates the transcriptional level of IRF1, IRF2, IRF3 and IRF7 in CIK cells. <i>Fish and Shellfish Immunology</i> , 2015, 47, 978-985.	1.6	13
23	Transcriptome analysis of the endangered Chinese giant salamander ( <i>Andrias davidianus</i> ): Immune modulation in response to <i>Aeromonas hydrophila</i> infection. <i>Veterinary Immunology and Immunopathology</i> , 2016, 169, 85-95.	0.5	41
24	DNA methylation of CiRIG-I gene notably relates to the resistance against GCRV and negatively-regulates mRNA expression in grass carp, <i>Ctenopharyngodon idella</i> . <i>Immunobiology</i> , 2016, 221, 23-30.	0.8	18
25	Magnolol and honokiol from <i>Magnolia officinalis</i> enhanced antiviral immune responses against grass carp reovirus in <i>Ctenopharyngodon idella</i> kidney cells. <i>Fish and Shellfish Immunology</i> , 2017, 63, 245-254.	1.6	65
26	Molecular cloning of MDA5, phylogenetic analysis of RIG-I-like receptors (RLRs) and differential gene expression of RLRs, interferons and proinflammatory cytokines after <i>in vitro</i> challenge with IPNV, ISAV and SAV in the salmonid cell line TO. <i>Journal of Fish Diseases</i> , 2017, 40, 1529-1544.	0.9	26
27	Omics and cytokine discovery in fish: Presenting the Yellowtail kingfish ( <i>Seriola lalandi</i> ) as a case study. <i>Developmental and Comparative Immunology</i> , 2017, 75, 63-76.	1.0	9
28	Transcriptomic screening of the innate immune response in delta smelt during an <i>Ichthyophthirius multifiliis</i> infection. <i>Aquaculture</i> , 2017, 473, 80-88.	1.7	3
29	Nucleated red blood cells: Immune cell mediators of the antiviral response. <i>PLoS Pathogens</i> , 2018, 14, e1006910.	2.1	62
30	Transcriptome sequencing of hybrid bester sturgeon: Responses to poly (I:C) in the context of comparative immunogenomics. <i>Fish and Shellfish Immunology</i> , 2019, 93, 888-894.	1.6	12
31	Gene expression analysis of the innate immune system during early rearing and weaning of meagre ( <i>Argyrosomus regius</i> ). <i>Fish and Shellfish Immunology</i> , 2019, 94, 819-832.	1.6	4
32	Nucleated Red Blood Cells Contribute to the Host Immune Response Against Pathogens. , 0, , .		3
33	Molecular characterization and expression analyses of two homologues of interferon-stimulated gene ISG15 in <i>Larimichthys crocea</i> (Family: Sciaenidae). <i>Fish and Shellfish Immunology</i> , 2019, 86, 846-857.	1.6	10
34	Oral delivery of <i>Bacillus subtilis</i> spores expressing grass carp reovirus VP4 protein produces protection against grass carp reovirus infection. <i>Fish and Shellfish Immunology</i> , 2019, 84, 768-780.	1.6	39
35	Duck HMGB2 Mediates Signaling Pathways in the Innate Immunity of Hosts Against Viral Infections. <i>Frontiers in Immunology</i> , 2020, 11, 572289.	2.2	0
36	First <i>in vivo</i> evidence of pituitary adenylate cyclase-activating polypeptide antiviral activity in teleost. <i>Fish and Shellfish Immunology</i> , 2020, 103, 58-65.	1.6	10

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37	Acyclovir inhibits channel catfish virus replication and protects channel catfish ovary cells from apoptosis. <i>Virus Research</i> , 2021, 292, 198249.	1.1	18
38	Molecular insights of a novel fish Toll-like receptor 9 homologue in <i>Nibea albiflora</i> to reveal its function as PRRs. <i>Fish and Shellfish Immunology</i> , 2021, 118, 321-332.	1.6	4
39	A plasmid containing CpG ODN as vaccine adjuvant against grass carp reovirus in grass carp <i>Ctenopharyngodon idella</i> . <i>Oncotarget</i> , 2017, 8, 86576-86591.	0.8	17
40	Dynamic Interaction Between Mucosal Immunity and Microbiota Drives Nose and Pharynx Homeostasis of Common Carp ( <i>Cyprinus carpio</i> ) After SVCV Infection. <i>Frontiers in Immunology</i> , 2021, 12, 769775.	2.2	4
41	Long non-coding RNA, a supreme post-transcriptional immune regulator of bacterial or virus-driven immune evolution in teleost. <i>Reviews in Aquaculture</i> , 2023, 15, 163-178.	4.6	8
42	IHNV Infection Induces Strong Mucosal Immunity and Changes of Microbiota in Trout Intestine. <i>Viruses</i> , 2022, 14, 1838.	1.5	12
43	Dynamic immune response in the spleens of rainbow trout ( <i>Oncorhynchus mykiss</i> ) to infectious hematopoietic necrosis virus revealed by transcriptome and immune-related genes expression analysis. <i>Aquaculture Reports</i> , 2023, 29, 101473.	0.7	3
44	Viral Hemorrhagic Septicemia Virus Activates Integrated Stress Response Pathway and Induces Stress Granules to Regulate Virus Replication. <i>Viruses</i> , 2023, 15, 466.	1.5	2