

# Antiviral Actions of Interferons

Clinical Microbiology Reviews

14, 778-809

DOI: [10.1128/cmr.14.4.778-809.2001](https://doi.org/10.1128/cmr.14.4.778-809.2001)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The role of gamma interferon in antimicrobial immunity. <i>Current Opinion in Microbiology</i> , 2001, 4, 251-259.	2.3	543
2	Vaccinia Virus E3L Interferon Resistance Protein Inhibits the Interferon-Induced Adenosine Deaminase A-to-I Editing Activity. <i>Virology</i> , 2001, 289, 378-387.	1.1	62
3	The Promoter-Proximal KCS Element of thePKRKinase Gene Enhances Transcription Irrespective of Orientation and Position Relative to the ISRE Element and Is Functionally Distinct from the KCS-like Element of theADARDeaminase Promoter. <i>Journal of Interferon and Cytokine Research</i> , 2002, 22, 891-898.	0.5	11
4	Activation and Inhibition of Virus and Interferon: The Herpesvirus Story. <i>Viral Immunology</i> , 2002, 15, 3-15.	0.6	22
5	Comparative Analysis of Anti-Hepatitis C Virus Activity and Gene Expression Mediated by Alpha, Beta, and Gamma Interferons. <i>Journal of Virology</i> , 2002, 76, 11148-11154.	1.5	80
6	Activated Intrahepatic Antigen-Presenting Cells Inhibit Hepatitis B Virus Replication in the Liver of Transgenic Mice. <i>Journal of Immunology</i> , 2002, 169, 5188-5195.	0.4	109
7	Nonlinear partial differential equations and applications: Genomic analysis of the host response to hepatitis C virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 15669-15674.	3.3	796
8	Hepatitis C Virus-Host Interactions: The NS5A Protein and the Interferon/Chemokine Systems. <i>Journal of Interferon and Cytokine Research</i> , 2002, 22, 1005-1012.	0.5	20
9	RNA hairpins in noncoding regions of human brain and <i>Caenorhabditis elegans</i> mRNA are edited by adenosine deaminases that act on RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7906-7911.	3.3	209
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12	Recognition of the Measles Virus Nucleocapsid as a Mechanism of IRF-3 Activation. <i>Journal of Virology</i> , 2002, 76, 3659-3669.	1.5	162
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16	An antiviral state induced in Chinook salmon embryo cells (CHSE-214) by transfection with the double-stranded RNA poly I:C. <i>Fish and Shellfish Immunology</i> , 2002, 13, 367-378.	1.6	79
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1484	The neuropathogenic T953 strain of equine herpesvirus-1 inhibits type-I IFN mediated antiviral activity in equine endothelial cells. <i>Veterinary Microbiology</i> , 2016, 183, 110-118.	0.8	9
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1628	Interferon Gamma Inhibits Varicella-Zoster Virus Replication in a Cell Line-Dependent Manner. <i>Journal of Virology</i> , 2019, 93, .	1.5	17
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1630	IFITM3: How genetics influence influenza infection demographically. <i>Biomedical Journal</i> , 2019, 42, 19-26.	1.4	38
1631	Role of Type I Interferons on Filovirus Pathogenesis. <i>Vaccines</i> , 2019, 7, 22.	2.1	6
1632	The different effects of adefovir dipivoxil and telbivudine on the prognosis of hepatitis b virus-related hepatocellular carcinoma patients after curative resection. <i>Medicine (United States)</i> , 2019, 98, e14386.	0.4	4
1633	Quantitative systems pharmacology of interferon alpha administration: A multi-scale approach. <i>PLoS ONE</i> , 2019, 14, e0209587.	1.1	7
1634	Soluble expression, rapid purification, biological identification of chicken interferon-alpha using a thioredoxin fusion system in <i>E. coli</i> and its antiviral effects to H9N2 avian influenza virus. <i>Preparative Biochemistry and Biotechnology</i> , 2019, 49, 192-201.	1.0	5
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1636	Effect of some immunomodulators and zeatin on susceptibility of wheat to powdery mildew. <i>Turkish Journal of Botany</i> , 2019, 43, 298-307.	0.5	2
1637	Emerging Role of LY6E in Virus-Host Interactions. <i>Viruses</i> , 2019, 11, 1020.	1.5	37
1638	Yeasts as Microbial Factories for Production of Recombinant Human Interferon Alpha 2b of Therapeutic Importance. <i>ACS Symposium Series</i> , 2019, , 41-56.	0.5	0
1639	PD-1 Signaling Promotes Control of Chronic Viral Infection by Restricting Type-I-Interferon-Mediated Tissue Damage. <i>Cell Reports</i> , 2019, 29, 2556-2564.e3.	2.9	6
1640	Identification of a Tumor Microenvironment-Related Eight-Gene Signature for Predicting Prognosis in Lower-Grade Gliomas. <i>Frontiers in Genetics</i> , 2019, 10, 1143.	1.1	29
1641	The antiviral mechanism of viperin and its splice variant in spring viremia of carp virus infected fathead minnow cells. <i>Fish and Shellfish Immunology</i> , 2019, 86, 805-813.	1.6	19
1643	Molecular and transcriptional insights into viperin protein from Big-belly seahorse ( <i>Hippocampus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 25	1.6	25
1644	Prostasin Impairs Epithelial Growth Factor Receptor Activation to Suppress Dengue Virus Propagation. <i>Journal of Infectious Diseases</i> , 2019, 219, 1377-1388.	1.9	4
1645	Modeling Arboviral Infection in Mice Lacking the Interferon Alpha/Beta Receptor. <i>Viruses</i> , 2019, 11, 35.	1.5	24

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1647	Species-specific inhibition of capripoxvirus replication by host antiviral protein kinase R. <i>Annals of the New York Academy of Sciences</i> , 2019, 1438, 3-17.	1.8	5
1648	Omics approaches to investigate host-pathogen interactions in mass mortality outbreaks of <i>Crassostrea gigas</i> . <i>Reviews in Aquaculture</i> , 2019, 11, 1308-1324.	4.6	26
1649	Sequence analysis and characterization of type I interferon and type II interferon from the critically endangered sturgeon species, <i>A. dabryanus</i> and <i>A. sinensis</i> . <i>Fish and Shellfish Immunology</i> , 2019, 84, 390-403.	1.6	20
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1653	High yield expression, characterization, and biological activity of IFN- $\gamma$ fusion protein. <i>Preparative Biochemistry and Biotechnology</i> , 2020, 50, 281-291.	1.0	2
1654	Aqueous extract of <i>Fritillariae cirrhosae</i> induces cellular apoptosis through activation of STATs-mediated immunomodulation. <i>Journal of Ethnopharmacology</i> , 2020, 261, 112338.	2.0	10
1655	Molecular and functional characterization of <i>ovis aries</i> IFN-epsilon. <i>Molecular Immunology</i> , 2020, 119, 1-7.	1.0	9
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1657	Setting the stage: The initial immune response to blood-stage parasites. <i>Virulence</i> , 2020, 11, 88-103.	1.8	17
1658	An interferon-induced GTP-binding protein, Mx, from the redlip mullet, <i>Liza haematocheila</i> : Deciphering its structural features and immune function. <i>Fish and Shellfish Immunology</i> , 2020, 96, 279-289.	1.6	6
1659	The integrated stress response in pulmonary disease. <i>European Respiratory Review</i> , 2020, 29, 200184.	3.0	20
1660	Hyperbaric Hyperoxia Exposure in Suppressing Human Immunodeficiency Virus Replication: An Experimental In Vitro in Peripheral Mononuclear Blood Cells Culture. <i>Infectious Disease Reports</i> , 2020, 12, 88-92.	1.5	1
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1662	Evasion of Type I Interferon by SARS-CoV-2. <i>Cell Reports</i> , 2020, 33, 108234.	2.9	742
1663	The COVID 19-AN OVERVIEW ON EPIDEMIOLOGY, SYMPTOMS, PREVENTION, MANAGEMENT, TREATMENT AND ROLE OF HEALTH WORKERS. <i>International Journal of Applied Pharmaceutics</i> , 0, , 36-41.	0.3	2



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1665	Pathophysiology and Potential Therapeutic Candidates for COVID-19: A Poorly Understood Arena. <i>Frontiers in Pharmacology</i> , 2020, 11, 585888.	1.6	11
1666	Interferon-Dependent and Respiratory Virus-Specific Interference in Dual Infections of Airway Epithelia. <i>Scientific Reports</i> , 2020, 10, 10246.	1.6	35
1667	Cloning and characterisation of type I interferon receptor 1 in orange-spotted grouper ( <i>Epinephelus</i> ) Tj ETQq1 1 0.784314 rgBT /Over	1.6	5
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1671	Structural Characterization of SARS-CoV-2: Where We Are, and Where We Need to Be. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 605236.	1.6	159
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1684	The immune system as a target for therapy of SARS-CoV-2: A systematic review of the current immunotherapies for COVID-19. <i>Life Sciences</i> , 2020, 258, 118185.	2.0	70
1685	The pharmacological development of direct acting agents for emerging needed therapy against severe acute respiratory syndrome coronavirus-2. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 712-718.	0.6	1
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1688	A Novel Virus Alters Gene Expression and Vacuolar Morphology in <i>Malassezia</i> Cells and Induces a TLR3-Mediated Inflammatory Immune Response. <i>MBio</i> , 2020, 11, .	1.8	23
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1691	Antivirals Against Coronaviruses: Candidate Drugs for SARS-CoV-2 Treatment?. <i>Frontiers in Microbiology</i> , 2020, 11, 1818.	1.5	81
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1693	Repurposing Drugs, Ongoing Vaccine, and New Therapeutic Development Initiatives Against COVID-19. <i>Frontiers in Pharmacology</i> , 2020, 11, 1258.	1.6	91
1694	Antagonism of Type I Interferon by Severe Acute Respiratory Syndrome Coronavirus 2. <i>Journal of Interferon and Cytokine Research</i> , 2020, 40, 543-548.	0.5	31
1695	A Review of Treatment of Coronavirus Disease 2019 (COVID-19): Therapeutic Repurposing and Unmet Clinical Needs. <i>Frontiers in Pharmacology</i> , 2020, 11, 584956.	1.6	51
1696	Compilation of antiviral treatments and strategies to fight fish viruses. <i>Reviews in Aquaculture</i> , 2021, 13, 1223-1254.	4.6	15
1697	Genetic perturbation of IFN- $\lambda$ transcriptional modulators in human endothelial cells uncovers pivotal regulators of angiogenesis. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 3977-3986.	1.9	6
1698	The STING-IFN- $\lambda$ 2-Dependent Axis Is Markedly Low in Patients with Relapsing-Remitting Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9249.	1.8	11
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1702	COVID-19: The Inflammation Link and the Role of Nutrition in Potential Mitigation. <i>Nutrients</i> , 2020, 12, 1466.	1.7	402
1703	A Single-Cell Transcriptional Roadmap of the Mouse and Human Lymph Node Lymphatic Vasculature. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 52.	1.1	97
1704	The Different Effects of Nucleotide and Nucleoside Analogues on the Prognosis of HBV-Related HCC After Curative Resection. <i>Journal of Gastrointestinal Surgery</i> , 2021, 25, 1419-1429.	0.9	5
1705	Efficacy and safety of aerosol inhalation of recombinant human interferon $\beta$ 1b (IFN $\beta$ 1b) injection for noninfluenza viral pneumonia, a multicenter, randomized, double-blind, placebo-controlled trial. <i>Journal of Inflammation</i> , 2020, 17, 19.	1.5	7
1706	Genetic variation in toll like receptors 2, 7, 9 and interleukin-6 is associated with cytomegalovirus infection in late pregnancy. <i>BMC Medical Genetics</i> , 2020, 21, 113.	2.1	5
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1708	Increased Pathogenicity and Virulence of Middle East Respiratory Syndrome Coronavirus Clade B <i>In Vitro</i> and <i>In Vivo</i> . <i>Journal of Virology</i> , 2020, 94, .	1.5	2
1709	A role for retinoids in the treatment of COVID-19?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 1765-1767.	0.9	50
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1713	Subcutaneous administration of interferon beta-1a for COVID-19: A non-controlled prospective trial. <i>International Immunopharmacology</i> , 2020, 85, 106688.	1.7	67
1714	Genome sequence and comparative analysis of reindeer ( <i>Rangifer tarandus</i> ) in northern Eurasia. <i>Scientific Reports</i> , 2020, 10, 8980.	1.6	30
1715	Vaccine repurposing approach for preventing COVID 19: can MMR vaccines reduce morbidity and mortality?. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 2217-2218.	1.4	37
1716	Metabolic host response and therapeutic approaches to influenza infection. <i>Cellular and Molecular Biology Letters</i> , 2020, 25, 15.	2.7	58
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1724	Innate Immunity and Pathogenesis of Biliary Atresia. <i>Frontiers in Immunology</i> , 2020, 11, 329.	2.2	51
1725	The pro-inflammatory cytokines effects on mobilization, self-renewal and differentiation of hematopoietic stem cells. <i>Human Immunology</i> , 2020, 81, 206-217.	1.2	24
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1727	Drug treatment of coronavirus disease 2019 (COVID-19) in China.. <i>European Journal of Pharmacology</i> , 2020, 883, 173326.	1.7	21
1728	A contemporary review on pathogenesis and immunity of COVID-19 infection. <i>Molecular Biology Reports</i> , 2020, 47, 5365-5376.	1.0	38
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1730	A cytokine super cyclone in COVID-19 patients with risk factors: the therapeutic potential of BCG immunization. <i>Cytokine and Growth Factor Reviews</i> , 2020, 54, 32-42.	3.2	37
1731	Enteroviral Pathogenesis of Type 1 Diabetes: The Role of Natural Killer Cells. <i>Microorganisms</i> , 2020, 8, 989.	1.6	13
1732	Obesity, the most common comorbidity in SARS-CoV-2: is leptin the link?. <i>International Journal of Obesity</i> , 2020, 44, 1810-1817.	1.6	72
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1734	Postnatal Infections and Adaptive Immunology of Bronchopulmonary Dysplasia. , 2020, , 163-175.		0
1735	Characteristics of Human OAS1 Isoform Proteins. <i>Viruses</i> , 2020, 12, 152.	1.5	9
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1742	Effect of TLR agonist on infections bronchitis virus replication and cytokine expression in embryonated chicken eggs. <i>Molecular Immunology</i> , 2020, 120, 52-60.	1.0	22
1743	Sensor Sensibility of HIV-1 and the Innate Immune Response. <i>Cells</i> , 2020, 9, 254.	1.8	52
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1745	Head-to-tail macrocyclization of albumin-binding domain fused interferon alpha improves the stability, activity, tumor penetration, and pharmacology. <i>Biomaterials</i> , 2020, 250, 120073.	5.7	12
1746	Production of bioactive human IFN- $\beta$ protein by agroinfiltration in tobacco. <i>Protein Expression and Purification</i> , 2020, 173, 105616.	0.6	8
1747	Soluble Expression, Rapid Purification and Antiviral Activity of Recombinant Bovine Interferon- $\beta$ in <i>Escherichia coli</i> . <i>Applied Biochemistry and Microbiology</i> , 2020, 56, 154-163.	0.3	1
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1749	Multi-omics: Differential expression of IFN- $\beta$ results in distinctive mechanistic features linking chronic inflammation, gut dysbiosis, and autoimmune diseases. <i>Journal of Autoimmunity</i> , 2020, 111, 102436.	3.0	25
1750	The interferon-inducible protein TDRD7 inhibits AMP-activated protein kinase and thereby restricts autophagy-independent virus replication. <i>Journal of Biological Chemistry</i> , 2020, 295, 6811-6822.	1.6	16
1751	CD8 T Cells and STAT1 Signaling Are Essential Codeterminants in Protection from Polyomavirus Encephalopathy. <i>Journal of Virology</i> , 2020, 94, .	1.5	11
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1757	A TLR7 agonist activates bovine Th1 response and exerts antiviral activity against bovine leukemia virus. <i>Developmental and Comparative Immunology</i> , 2021, 114, 103847.	1.0	5
1758	Harnessing immunotherapy to combat COVID-19: A modern snake oil or silver bullet?. <i>Therapie</i> , 2021, 76, 335-345.	0.6	0
1759	Tissue-specific features of microglial innate immune responses. <i>Neurochemistry International</i> , 2021, 142, 104924.	1.9	8
1760	Prevention and treatment of COVID-19: Focus on interferons, chloroquine/hydroxychloroquine, azithromycin, and vaccine. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111008.	2.5	40
1761	Inhibitory effects of recombinant porcine interferon- $\lambda$ on porcine transmissible gastroenteritis virus infections in TGEV-seronegative piglets. <i>Veterinary Microbiology</i> , 2021, 252, 108930.	0.8	4
1762	$\lambda$ 2-Globin Lentiviral Vectors Have Reduced Titers due to Incomplete Vector RNA Genomes and Lowered Virion Production. <i>Stem Cell Reports</i> , 2021, 16, 198-211.	2.3	15
1763	Porcine haemagglutinating encephalomyelitis virus deactivates transcription factor IRF3 and limits type I interferon production. <i>Veterinary Microbiology</i> , 2021, 252, 108918.	0.8	4
1764	ADAR1 Stimulation by IFN- $\lambda$ Downregulates the Expression of MAVS via RNA Editing to Regulate the Anti-HBV Response. <i>Molecular Therapy</i> , 2021, 29, 1335-1348.	3.7	13
1765	STAT1 participates in the induction of substance P expression in airway epithelial cells by respiratory syncytial virus. <i>Experimental Lung Research</i> , 2021, 47, 78-86.	0.5	2
1766	African Swine Fever Virus MGF360-12L Inhibits Type I Interferon Production by Blocking the Interaction of Importin $\lambda$ and NF- $\kappa$ B Signaling Pathway. <i>Virologica Sinica</i> , 2021, 36, 176-186.	1.2	59
1767	Expression, purification, and bioactivity of a soluble recombinant ovine interferon-tau in <i>Escherichia coli</i> . <i>Journal of Veterinary Research (Poland)</i> , 2021, 65, 101-108.	0.3	1
1768	COVID-19: Imbalanced Immune Responses and Potential Immunotherapies. <i>Frontiers in Immunology</i> , 2020, 11, 607583.	2.2	12
1769	T-Cells and Interferon Gamma Are Necessary for Survival Following Crimean-Congo Hemorrhagic Fever Virus Infection in Mice. <i>Microorganisms</i> , 2021, 9, 279.	1.6	14
1770	Causal Therapy of COVID-19: Critical Review and Prospects. <i>Obshchaya Reanimatologiya</i> , 2021, 16, 65-90.	0.2	8
1771	Beneficial effect of combinational methylprednisolone and remdesivir in hamster model of SARS-CoV-2 infection. <i>Emerging Microbes and Infections</i> , 2021, 10, 291-304.	3.0	48
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