

# CITATION REPORT

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The neuraminidase inhibitor oseltamivir is effective against A/Anhui/1/2013 (H7N9) influenza virus in a mouse model of acute respiratory distress syndrome

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Journal of Infectious Diseases, 2014, 209, 1343-53.

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#	Paper	IF	Citations
34	Avian influenza A H7N9 virus induces severe pneumonia in mice without prior adaptation and responds to a combination of zanamivir and COX-2 inhibitor. <i>PLoS ONE</i> , <b>2014</b> , 9, e107966	3.7	32
33	Safety and efficacy of peramivir for influenza treatment. <i>Drug Design, Development and Therapy</i> , <b>2014</b> , 8, 2017-38	4.4	19
32	An investigational antiviral drug, DAS181, effectively inhibits replication of zoonotic influenza A virus subtype H7N9 and protects mice from lethality. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 210, 435-40	7	41
31	TMPRSS2 is a host factor that is essential for pneumotropism and pathogenicity of H7N9 influenza A virus in mice. <i>Journal of Virology</i> , <b>2014</b> , 88, 4744-51	6.6	100
30	Human H7N9 and H5N1 influenza viruses differ in induction of cytokines and tissue tropism. <i>Journal of Virology</i> , <b>2014</b> , 88, 12982-91	6.6	29
29	H7N9 and other pathogenic avian influenza viruses elicit a three-pronged transcriptomic signature that is reminiscent of 1918 influenza virus and is associated with lethal outcome in mice. <i>Journal of Virology</i> , <b>2014</b> , 88, 10556-68	6.6	37
28	Mammalian models for the study of H7 virus pathogenesis and transmission. <i>Current Topics in Microbiology and Immunology</i> , <b>2014</b> , 385, 275-305	3.3	16
27	[Progress in Diagnostic Technology and Management of Infectious Diseases. Topics: I. Infectious Diseases with Special Concern; 4. Emerging infectious diseases in recent years]. <i>The Journal of the Japanese Society of Internal Medicine</i> , <b>2014</b> , 103, 2680-7	0	
26	The Tie2-agonist Vasculotide rescues mice from influenza virus infection. <i>Scientific Reports</i> , <b>2015</b> , 5, 11030	4.9	41
25	Assessment of Antiviral Properties of Peramivir against H7N9 Avian Influenza Virus in an Experimental Mouse Model. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 7255-64	5.9	6
24	Sialic acid-binding protein Sp2CBMTD protects mice against lethal challenge with emerging influenza A (H7N9) virus. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 1495-504	5.9	8
23	Influenza A(H7N9) virus acquires resistance-related neuraminidase I222T substitution when infected mallards are exposed to low levels of oseltamivir in water. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 5196-202	5.9	18
22	Emergence of H7N9 Influenza A Virus Resistant to Neuraminidase Inhibitors in Nonhuman Primates. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 4962-73	5.9	34
21	Influenza A(H7N9) virus transmission between finches and poultry. <i>Emerging Infectious Diseases</i> , <b>2015</b> , 21, 619-28	10.2	16
20	Combinations of oseltamivir and fibrates prolong the mean survival time of mice infected with the lethal H7N9 influenza virus. <i>Journal of General Virology</i> , <b>2015</b> , 96, 46-51	4.9	9
19	A Computationally Designed Hemagglutinin Stem-Binding Protein Provides In Vivo Protection from Influenza Independent of a Host Immune Response. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005409	7.6	36
18	Translational research on influenza virus infection using a nonhuman primate model. <i>Pathology International</i> , <b>2016</b> , 66, 132-141	1.8	7

17	Reduction of Neuraminidase Activity Exacerbates Disease in 2009 Pandemic Influenza Virus-Infected Mice. <i>Journal of Virology</i> , <b>2016</b> , 90, 9931-9941	6.6	4
16	The Hemagglutinin Stem-Binding Monoclonal Antibody VIS410 Controls Influenza Virus-Induced Acute Respiratory Distress Syndrome. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 2118-31	5.9	38
15	Vascular Permeability Drives Susceptibility to Influenza Infection in a Murine Model of Sickle Cell Disease. <i>Scientific Reports</i> , <b>2017</b> , 7, 43308	4.9	6
14	The MEK-inhibitor CI-1040 displays a broad anti-influenza virus activity in vitro and provides a prolonged treatment window compared to standard of care in vivo. <i>Antiviral Research</i> , <b>2017</b> , 142, 178-184	10.8	36
13	Aerosol administration increases the efficacy of oseltamivir for the treatment of mice infected with influenza viruses. <i>Antiviral Research</i> , <b>2017</b> , 142, 12-15	10.8	4
12	Emergence of Oseltamivir-Resistant H7N9 Influenza Viruses in Immunosuppressed Cynomolgus Macaques. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 216, 582-593	7	13
11	Pharmacodynamics, Pharmacokinetics, and Antiviral Activity of BAY 81-8781, a Novel NF- $\kappa$ B Inhibiting Anti-influenza Drug. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 2130	5.7	15
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9	The Antihistamine Drugs Carbinoxamine Maleate and Chlorpheniramine Maleate Exhibit Potent Antiviral Activity Against a Broad Spectrum of Influenza Viruses. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2643	5.7	18
8	Zoonotic Influenza and Human Health-Part 2: Clinical Features, Diagnosis, Treatment, and Prevention Strategies. <i>Current Infectious Disease Reports</i> , <b>2018</b> , 20, 38	3.9	2
7	Inhibition of avian-origin influenza A(H7N9) virus by the novel cap-dependent endonuclease inhibitor baloxavir marboxil. <i>Scientific Reports</i> , <b>2019</b> , 9, 3466	4.9	19
6	A77 1726, the active metabolite of the anti-rheumatoid arthritis drug leflunomide, inhibits influenza A virus replication in vitro and in vivo by inhibiting the activity of Janus kinases. <i>FASEB Journal</i> , <b>2020</b> , 34, 10132-10145	0.9	6
5	Low replicative fitness of neuraminidase inhibitor-resistant H7N9 avian influenza a virus with R292K substitution in neuraminidase in cynomolgus macaques compared with I222T substitution. <i>Antiviral Research</i> , <b>2020</b> , 178, 104790	10.8	2
4	Substitution of I222L-E119V in neuraminidase from highly pathogenic avian influenza H7N9 virus exhibited synergistic resistance effect to oseltamivir in mice. <i>Scientific Reports</i> , <b>2021</b> , 11, 16293	4.9	1
3	Ex Vivo Validation of Six FDA-Approved Non-Receptor Tyrosine Kinase Inhibitors (NRTKIs) as Antivirals to Pandemic and Seasonal Influenza A Viruses.		0
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1	FDA-approved Abl/EGFR/PDGFR kinase inhibitors show potent efficacy against pandemic and seasonal influenza A virus infections of human lung explants. <b>2023</b> , 26, 106309		0