

Potential for Co-Infection of a Mosquito-Specific Flavivirus West Nile Virus Transmission in Mosquitoes

Viruses

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Commensal Viruses of Mosquitoes: Host Restriction, Transmission, and Interaction with Arboviral Pathogens. <i>Evolutionary Bioinformatics</i> , 2016, 12s2, EBO.S40740.	0.6	66
2	Zika virus intrauterine infection causes fetal brain abnormality and microcephaly: tip of the iceberg?. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 47, 6-7.	0.9	1,022
3	The insect-specific Palm Creek virus modulates West Nile virus infection in and transmission by Australian mosquitoes. <i>Parasites and Vectors</i> , 2016, 9, 414.	1.0	112
4	High levels of local inter- and intra-host genetic variation of West Nile virus and evidence of fine-scale evolutionary pressures. <i>Infection, Genetics and Evolution</i> , 2017, 51, 219-226.	1.0	16
5	Mosquito-specific and mosquito-borne viruses: evolution, infection, and host defense. <i>Current Opinion in Insect Science</i> , 2017, 22, 16-27.	2.2	71
6	Molecular traces of a putative novel insect flavivirus from <i>Anopheles hyrcanus</i> mosquito species in Hungary. <i>Acta Virologica</i> , 2017, 61, 127-129.	0.3	1
7	The Discovery of Arthropod-Specific Viruses in Hematophagous Arthropods: An Open Door to Understanding the Mechanisms of Arbovirus and Arthropod Evolution?. <i>Annual Review of Entomology</i> , 2018, 63, 87-103.	5.7	45
9	Restriction of Zika virus infection and transmission in <i>Aedes aegypti</i> mediated by an insect-specific flavivirus. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-13.	3.0	73
10	The recently identified flavivirus Bamaga virus is transmitted horizontally by <i>Culex</i> mosquitoes and interferes with West Nile virus replication in vitro and transmission in vivo. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006886.	1.3	16
11	Persistent viruses in mosquito cultured cell line suppress multiplication of flaviviruses. <i>Heliyon</i> , 2018, 4, e00736.	1.4	26
12	Mosquito-borne viral diseases and potential transmission blocking vaccine candidates. <i>Infection, Genetics and Evolution</i> , 2018, 63, 195-203.	1.0	6
13	Disentangling complex parasite interactions: Protection against cerebral malaria by one helminth species is jeopardized by co-infection with another. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006483.	1.3	26
14	Adventitious viruses persistently infect three commonly used mosquito cell lines. <i>Virology</i> , 2018, 521, 175-180.	1.1	29
15	<i>Culex flavivirus</i> infection in a <i>Culex pipiens</i> mosquito colony and its effects on vector competence for Rift Valley fever phlebovirus. <i>Parasites and Vectors</i> , 2018, 11, 310.	1.0	27
16	Insect-specific viruses: from discovery to potential translational applications. <i>Current Opinion in Virology</i> , 2018, 33, 33-41.	2.6	73
17	Natural Variation in Resistance to Virus Infection in Dipteran Insects. <i>Viruses</i> , 2018, 10, 118.	1.5	66
18	The mosquito holobiont: fresh insight into mosquito-microbiota interactions. <i>Microbiome</i> , 2018, 6, 49.	4.9	193
19	Virome of ~12 thousand <i>Culex</i> mosquitoes from throughout California. <i>Virology</i> , 2018, 523, 74-88.	1.1	88

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20	Mosquito-Borne Viruses and Insect-Specific Viruses Revealed in Field-Collected Mosquitoes by a Monitoring Tool Adapted from a Microbial Detection Array. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	11
21	Cell-Fusing Agent Virus Reduces Arbovirus Dissemination in <i>Aedes aegypti</i> Mosquitoes <i>In Vivo</i> . <i>Journal of Virology</i> , 2019, 93, .	1.5	86
22	Vector competence of <i>Aedes aegypti</i> for different strains of Zika virus in Argentina. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007433.	1.3	11
23	<i>Aedes aegypti</i> (Aag2)-derived clonal mosquito cell lines reveal the effects of pre-existing persistent infection with the insect-specific bunyavirus Phasi Charoen-like virus on arbovirus replication. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007346.	1.3	38
24	Mosquito-Specific Viruses—Transmission and Interaction. <i>Viruses</i> , 2019, 11, 873.	1.5	78
25	On the Fly: Interactions Between Birds, Mosquitoes, and Environment That Have Molded West Nile Virus Genomic Structure Over Two Decades. <i>Journal of Medical Entomology</i> , 2019, 56, 1467-1474.	0.9	17
26	Infection Pattern of Mayaro Virus in <i>Aedes aegypti</i> (Diptera: Culicidae) and Transmission Potential of the Virus in Mixed Infections With Chikungunya Virus. <i>Journal of Medical Entomology</i> , 2019, 56, 832-843.	0.9	30
27	Interaction of RNA viruses of the natural virome with the African malaria vector, <i>Anopheles coluzzii</i> . <i>Scientific Reports</i> , 2019, 9, 6319.	1.6	15
28	Mosquito Small RNA Responses to West Nile and Insect-Specific Virus Infections in <i>Aedes</i> and <i>Culex</i> Mosquito Cells. <i>Viruses</i> , 2019, 11, 271.	1.5	72
29	The role of co-infection and swarm dynamics in arbovirus transmission. <i>Virus Research</i> , 2019, 265, 88-93.	1.1	18
30	Arbovirus-Mosquito Vector-Host Interactions and the Impact on Transmission and Disease Pathogenesis of Arboviruses. <i>Frontiers in Microbiology</i> , 2019, 10, 22.	1.5	74
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32	Mapping Arbovirus-Vector Interactions Using Systems Biology Techniques. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 8, 440.	1.8	6
33	Insect-specific virus evolution and potential effects on vector competence. <i>Virus Genes</i> , 2019, 55, 127-137.	0.7	98
34	A Novel Anphevirus in <i>Aedes albopictus</i> Mosquitoes Is Distributed Worldwide and Interacts with the Host RNA Interference Pathway. <i>Viruses</i> , 2020, 12, 1264.	1.5	10
35	Superinfection Exclusion in Mosquitoes and Its Potential as an Arbovirus Control Strategy. <i>Viruses</i> , 2020, 12, 1259.	1.5	13
36	West Nile Virus: An Update on Pathobiology, Epidemiology, Diagnostics, Control and “One Health” Implications. <i>Pathogens</i> , 2020, 9, 589.	1.2	79
37	A Metagenomic Approach Identified a Novel Phasi Charoen-Like Virus Coinfecting a Chikungunya Virus-Infected <i>Aedes aegypti</i> Mosquito in Brazil. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	6

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38	Viral Metagenomic Analysis of <i>Aedes albopictus</i> Mosquitos from Southern Switzerland. <i>Viruses</i> , 2020, 12, 929.	1.5	32
39	Novel genome sequences of cell-fusing agent virus allow comparison of virus phylogeny with the genetic structure of <i>Aedes aegypti</i> populations. <i>Virus Evolution</i> , 2020, 6, veaa018.	2.2	24
40	Friend or foe? Relationship between <i>Candidatus Liberibacter asiaticus</i> ™ and <i>Diaphorina citri</i> . <i>Tropical Plant Pathology</i> , 2020, 45, 559-571.	0.8	17
41	<i>Diaphorina citri</i> reovirus is most closely related to fijiviruses. <i>Virology</i> , 2020, 547, 20-26.	1.1	7
42	Antigenic Characterization of New Lineage II Insect-Specific Flaviviruses in Australian Mosquitoes and Identification of Host Restriction Factors. <i>MSphere</i> , 2020, 5, .	1.3	31
43	Cell fusing agent virus (Flavivirus) infection in <i>Aedes aegypti</i> in Texas: seasonality, comparison by trap type, and individual viral loads. <i>Archives of Virology</i> , 2020, 165, 1769-1776.	0.9	7
44	Exploiting insect-specific viruses as a novel strategy to control vector-borne disease. <i>Current Opinion in Insect Science</i> , 2020, 39, 50-56.	2.2	56
45	Differential Small RNA Responses against Co-Infecting Insect-Specific Viruses in <i>Aedes albopictus</i> Mosquitoes. <i>Viruses</i> , 2020, 12, 468.	1.5	16
46	The invasive Asian bush mosquito <i>Aedes japonicus</i> found in the Netherlands can experimentally transmit Zika virus and Usutu virus. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008217.	1.3	30
47	<i>Anopheles gambiae</i> densovirus (AgDENV) negatively affects Mayaro virus infection in <i>Anopheles gambiae</i> cells and mosquitoes. <i>Parasites and Vectors</i> , 2020, 13, 210.	1.0	11
48	Diversity, Geography, and Host Range of Emerging Mosquito-Associated Viruses in China, 2010–2020. <i>China CDC Weekly</i> , 2021, 3, 746-750.	1.0	2
49	Tick-virus interactions: Current understanding and future perspectives. <i>Parasite Immunology</i> , 2021, 43, e12815.	0.7	10
50	Detection of DENV-2 and Insect-Specific Flaviviruses in Mosquitoes Collected From Jeddah, Saudi Arabia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 626368.	1.8	14
51	Cryo-EM reveals a previously unrecognized structural protein of a dsRNA virus implicated in its extracellular transmission. <i>PLoS Pathogens</i> , 2021, 17, e1009396.	2.1	10
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54	Metagenomic shotgun sequencing reveals host species as an important driver of virome composition in mosquitoes. <i>Scientific Reports</i> , 2021, 11, 8448.	1.6	26
55	Molecular epidemiology of mosquito-borne viruses at the China–Myanmar border: discovery of a potential epidemic focus of Japanese encephalitis. <i>Infectious Diseases of Poverty</i> , 2021, 10, 57.	1.5	13

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56	Insect-Specific Viruses: An overview and their relationship to arboviruses of concern to humans and animals. <i>Virology</i> , 2021, 557, 34-43.	1.1	21
58	Negevirus Reduce Replication of Alphaviruses during Coinfection. <i>Journal of Virology</i> , 2021, 95, e0043321.	1.5	17
59	Complexity and Local Specificity of the Virome Associated with Tospovirus-Transmitting Thrips Species. <i>Journal of Virology</i> , 2021, 95, e0059721.	1.5	25
60	Identification of Phasi Charoen-Like Phasivirus in Field Collected <i>Aedes aegypti</i> from Karnataka State, India. <i>Vector-Borne and Zoonotic Diseases</i> , 2021, 21, 900-909.	0.6	5
61	Population bottlenecks and founder effects: implications for mosquito-borne arboviral emergence. <i>Nature Reviews Microbiology</i> , 2021, 19, 184-195.	13.6	51
62	Newly discovered mosquito viruses help control vector-borne viral diseases. <i>Microbiology Australia</i> , 2018, 39, 72.	0.1	1
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64	Detection of novel and recognized RNA viruses in mosquitoes from the Yucatan Peninsula of Mexico using metagenomics and characterization of their in vitro host ranges. <i>Journal of General Virology</i> , 2018, 99, 1729-1738.	1.3	27
66	Superinfection exclusion studies using West Nile virus and <i>Culex</i> flavivirus strains from Argentina. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2020, 115, e200012.	0.8	6
67	Experimental Infection with and Maintenance of Cell Fusing Agent Virus (Flavivirus) in <i>Aedes aegypti</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 299-304.	0.6	24
68	Characterization of Three New Insect-Specific Flaviviruses: Their Relationship to the Mosquito-Borne Flavivirus Pathogens. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 410-419.	0.6	45
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70	Enemy of My Enemy: A Novel Insect-Specific Flavivirus Offers a Promising Platform for a Zika Virus Vaccine. <i>Vaccines</i> , 2021, 9, 1142.	2.1	9
72	Detection of a novel insect-specific flavivirus across ecologically diverse populations of <i>Aedes aegypti</i> on the Caribbean island of Saint Lucia. <i>Wellcome Open Research</i> , 2020, 5, 149.	0.9	0
73	Detection of Cell-Fusing Agent virus across ecologically diverse populations of <i>Aedes aegypti</i> on the Caribbean island of Saint Lucia. <i>Wellcome Open Research</i> , 2020, 5, 149.	0.9	4
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78	Transcriptome Analysis of an <i>Aedes albopictus</i> Cell Line Single- and Dual-Infected with Lammi Virus and WNV. <i>International Journal of Molecular Sciences</i> , 2022, 23, 875.	1.8	2

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79	Replication is the key barrier during the dual-host adaptation of mosquito-borne flaviviruses. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2110491119.	3.3	7
83	Aedes aegypti and Ae. albopictus microbiome/virome: new strategies for controlling arboviral transmission?. Parasites and Vectors, 2022, 15, .	1.0	25
84	Vertical and Horizontal Transmission of Cell Fusing Agent Virus in Aedes aegypti. Applied and Environmental Microbiology, 2022, 88, .	1.4	9
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87	Vector-virus interaction affects viral loads and co-occurrence. BMC Biology, 2022, 20, .	1.7	6
88	Culex Y Virus: A Native Virus of Culex Species Characterized In Vivo. Viruses, 2023, 15, 235.	1.5	6
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90	Insect-specific viruses used in biocontrol of mosquito-borne diseases. , 0, , .		3
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