

# Unexpected mode of engagement between enterovirus

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Evolutionary and Structural Overview of Human Picornavirus Capsid Antibody Evasion. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 283.	1.8	22
2	Multifunctionality of structural proteins in the enterovirus life cycle. <i>Future Microbiology</i> , 2019, 14, 1147-1157.	1.0	5
3	Intra-host emergence of an enterovirus A71 variant with enhanced PSGL1 usage and neurovirulence. <i>Emerging Microbes and Infections</i> , 2019, 8, 1076-1085.	3.0	10
4	Monoclonal antibodies point to Achilles's™ heel in picornavirus capsid. <i>PLoS Biology</i> , 2019, 17, e3000232.	2.6	9
5	Hand-foot-and-mouth disease virus receptor KREMEN1 binds the canyon of Coxsackie Virus A10. <i>Nature Communications</i> , 2020, 11, 38.	5.8	28
6	Hepatitis C Virus Structure: Defined by What It Is Not. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 10, a036822.	2.9	14
7	Molecular basis of Coxsackievirus A10 entry using the two-in-one attachment and uncoating receptor KRM1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18711-18718.	3.3	18
8	Structural and functional analysis of protective antibodies targeting the threefold plateau of enterovirus 71. <i>Nature Communications</i> , 2020, 11, 5253.	5.8	11
9	Serotype specific epitopes identified by neutralizing antibodies underpin immunogenic differences in Enterovirus B. <i>Nature Communications</i> , 2020, 11, 4419.	5.8	13
10	Structures of Echovirus 30 in complex with its receptors inform a rational prediction for enterovirus receptor usage. <i>Nature Communications</i> , 2020, 11, 4421.	5.8	18
11	Emergence of genotype C1 Enterovirus A71 and its link with antigenic variation of virus in Taiwan. <i>PLoS Pathogens</i> , 2020, 16, e1008857.	2.1	13
12	A Single Mutation in the VP1 Gene of Enterovirus 71 Enhances Viral Binding to Heparan Sulfate and Impairs Viral Pathogenicity in Mice. <i>Viruses</i> , 2020, 12, 883.	1.5	11
13	Inhibition of Enterovirus 71 by Selenium Nanoparticles Loaded with siRNA through Bax Signaling Pathways. <i>ACS Omega</i> , 2020, 5, 12495-12500.	1.6	25
14	Rosmarinic acid exhibits broad anti-enterovirus A71 activity by inhibiting the interaction between the five-fold axis of capsid VP1 and cognate sulfated receptors. <i>Emerging Microbes and Infections</i> , 2020, 9, 1194-1205.	3.0	36
15	Heparan sulfate attachment receptor is a major selection factor for attenuated enterovirus 71 mutants during cell culture adaptation. <i>PLoS Pathogens</i> , 2020, 16, e1008428.	2.1	18
16	Characterization of Plaque Variants and the Involvement of Quasi-Species in a Population of EV-A71. <i>Viruses</i> , 2020, 12, 651.	1.5	5
17	An infectious clone of enterovirus 71(EV71) that is capable of infecting neonatal immune competent mice without adaptive mutations. <i>Emerging Microbes and Infections</i> , 2020, 9, 427-438.	3.0	9
18	Cellular receptors for enterovirus A71. <i>Journal of Biomedical Science</i> , 2020, 27, 23.	2.6	70

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19	Identification of Antibodies with Non-overlapping Neutralization Sites that Target Coxsackievirus A16. <i>Cell Host and Microbe</i> , 2020, 27, 249-261.e5.	5.1	24
20	Involvement of VCP/UFD1/Nucleolin in the viral entry of Enterovirus A species. <i>Virus Research</i> , 2020, 283, 197974.	1.1	9
21	Recent advances in the understanding of enterovirus A71 infection: a focus on neuropathogenesis. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 733-747.	2.0	14
22	Novel Naturally Occurring Mutations of Enterovirus 71 Associated With Disease Severity. <i>Frontiers in Microbiology</i> , 2020, 11, 610568.	1.5	6
23	Antivirals blocking entry of enteroviruses and therapeutic potential. <i>Journal of Biomedical Science</i> , 2021, 28, 10.	2.6	25
24	Structures of Small Icosahedral Viruses. , 2021, , 278-289.		0
25	Polymorphisms in the DC-SIGN gene and their association with the severity of hand, foot, and mouth disease caused by enterovirus 71. <i>Archives of Virology</i> , 2021, 166, 1133-1140.	0.9	2
26	Cryo-EM structures reveal the molecular basis of receptor-initiated coxsackievirus uncoating. <i>Cell Host and Microbe</i> , 2021, 29, 448-462.e5.	5.1	19
27	Bioinformatics-based prediction of conformational epitopes for Enterovirus A71 and Coxsackievirus A16. <i>Scientific Reports</i> , 2021, 11, 5701.	1.6	7
28	Sulfonated azo dyes enhance the genome release of enterovirus A71 VP1â€™98K variants by preventing the virions from being trapped by sulfated glycosaminoglycans at acidic pH. <i>Virology</i> , 2021, 555, 19-34.	1.1	1
29	N-Linked Glycosylation on Anthrax Toxin Receptor 1 Is Essential for Seneca Valley Virus Infection. <i>Viruses</i> , 2021, 13, 769.	1.5	6
30	Pharmacological perspectives and molecular mechanisms of coumarin derivatives against virus disease. <i>Genes and Diseases</i> , 2022, 9, 80-94.	1.5	27
31	Functional and structural characterization of a two-MAb cocktail for delayed treatment of enterovirus D68 infections. <i>Nature Communications</i> , 2021, 12, 2904.	5.8	19
32	Adaptation and Virulence of Enterovirus-A71. <i>Viruses</i> , 2021, 13, 1661.	1.5	10
33	Characterization of SR-B2a and SR-B2b genes and their ability to promote GCRV infection in grass carp ( <i>Ctenopharyngodon idellus</i> ). <i>Developmental and Comparative Immunology</i> , 2021, 124, 104202.	1.0	2
35	Gangliosides are essential endosomal receptors for quasi-enveloped and naked hepatitis A virus. <i>Nature Microbiology</i> , 2020, 5, 1069-1078.	5.9	45
36	Molecular Docking of SP40 Peptide towards Cellular Receptors for Enterovirus 71 (EV-A71). <i>Molecules</i> , 2021, 26, 6576.	1.7	3
37	Structural basis for neutralization of enterovirus. <i>Current Opinion in Virology</i> , 2021, 51, 199-206.	2.6	7

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38	Internalization and Transport of PEGylated Lipid-Based Mixed Micelles across Caco-2 Cells Mediated by Scavenger Receptor B1. <i>Pharmaceutics</i> , 2021, 13, 2022.	2.0	1
39	Molecular basis of differential receptor usage for naturally occurring CD55-binding and -nonbinding coxsackievirus B3 strains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	2
40	Conserved Residues Adjacent to ÅY-Barrel and Loop Intersection among Enterovirus VP1 Affect Viral Replication: Potential Target for Anti-Enteroviral Development. <i>Viruses</i> , 2022, 14, 364.	1.5	3
41	Identification of a novel binding inhibitor that blocks the interaction between hSCARB2 and VP1 of enterovirus 71. , 2022, 1, 100016.		3
42	3,4-Dicaffeoylquinic Acid from the Medicinal Plant <i>Ilex kaushue</i> Disrupts the Interaction Between the Five-Fold Axis of Enterovirus A-71 and the Heparan Sulfate Receptor. <i>Journal of Virology</i> , 2022, 96, e0054221.	1.5	3
43	Type I Interferon-Induced TMEM106A Blocks Attachment of EV-A71 Virus by Interacting With the Membrane Protein SCARB2. <i>Frontiers in Immunology</i> , 2022, 13, 817835.	2.2	3
44	A Single Amino Acid Substitution in Structural Protein VP2 Abrogates the Neurotropism of Enterovirus A-71 in Mice. <i>Frontiers in Microbiology</i> , 2022, 13, 821976.	1.5	2
45	Discovery of aminothiazole derivatives as novel human enterovirus A71 capsid protein inhibitors. <i>Bioorganic Chemistry</i> , 2022, 122, 105683.	2.0	4
46	Atomic Structures of Coxsackievirus B5 Provide Key Information on Viral Evolution and Survival. <i>Journal of Virology</i> , 2022, , e0010522.	1.5	5
47	Neddylation of Enterovirus 71 VP2 Protein Reduces Its Stability and Restricts Viral Replication. <i>Journal of Virology</i> , 2022, 96, e0059822.	1.5	5
48	Chemokine PF4 Inhibits EV71 and CA16 Infections at the Entry Stage. <i>Journal of Virology</i> , 2022, 96, e0043522.	1.5	7
49	Development of an Enzyme-Linked Immunosorbent Assay for Detection of the Native Conformation of Enterovirus A71. <i>MSphere</i> , 2022, 7, .	1.3	5
50	Roles of Non-Coding RNAs in Virus-Host Interaction About Pathogenesis of Hand-Foot-Mouth Disease. <i>Current Microbiology</i> , 2022, 79, .	1.0	1
51	Mouse Scarb2 Modulates EV-A71 Pathogenicity in Neonatal Mice. <i>Journal of Virology</i> , 0, , .	1.5	0
52	Structural basis for the synergistic neutralization of coxsackievirus B1 by a triple-antibody cocktail. <i>Cell Host and Microbe</i> , 2022, 30, 1279-1294.e6.	5.1	3
53	Structure of Human Enterovirus 70 and Its Inhibition by Capsid-Binding Compounds. <i>Journal of Virology</i> , 2022, 96, .	1.5	1
56	Switching of Receptor Binding Poses between Closely Related Enteroviruses. <i>Viruses</i> , 2022, 14, 2625.	1.5	1
57	Molecular mechanism of antibody neutralization of coxsackievirus A16. <i>Nature Communications</i> , 2022, 13, .	5.8	2

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58	Inhibitory effects and mechanisms of proanthocyanidins against enterovirus 71 infection. <i>Virus Research</i> , 2023, 329, 199098.	1.1	2
59	Dual blockages of a broad and potent neutralizing <scp>IgM</scp> antibody targeting <scp>GH</scp> loop of <scp>EVâ€As</scp>. <i>Immunology</i> , 2023, 169, 292-308.	2.0	1
60	How the Competition for Cysteine May Promote Infection of SARS-CoV-2 by Triggering Oxidative Stress. <i>Antioxidants</i> , 2023, 12, 483.	2.2	0
61	Antigenic mapping of enterovirus A71 from Taiwan and Southeast Asia. <i>Antiviral Research</i> , 2023, 212, 105569.	1.9	0
62	Current status of hand-foot-and-mouth disease. <i>Journal of Biomedical Science</i> , 2023, 30, .	2.6	28
63	Insights into In Vitro Adaptation of EV71 and Analysis of Reduced Virulence by In Silico Predictions. <i>Vaccines</i> , 2023, 11, 629.	2.1	0
64	EV-A71 Mechanism of Entry: Receptors/Co-Receptors, Related Pathways and Inhibitors. <i>Viruses</i> , 2023, 15, 785.	1.5	3
65	Insights into enterovirus a-71 antiviral development: from natural sources to synthetic nanoparticles. <i>Archives of Microbiology</i> , 2023, 205, .	1.0	0
73	Pathogenâ€™Host Interaction and Its Associated Molecular Mechanism in HFMD Pathology and Immunology. , 2024, , 117-146.		0