

Enhanced HIV-1 immunotherapy by commonly arising variants

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A constant threat for HIV: Fc engineering to enhance broadly neutralizing antibody activity for immunotherapy of the acquired immunodeficiency syndrome. <i>European Journal of Immunology</i> , 2015, 45, 2183-2190.	1.6	3
2	Can immunological principles and cross-disciplinary science illuminate the path to vaccines for HIV and other global health challenges?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140152.	1.8	4
3	Antibodies Targeting the Envelope of HIV-1. <i>Microbiology Spectrum</i> , 2015, 3, AID-0025-2014.	1.2	9
4	Prospects for engineering HIV-specific antibodies for enhanced effector function and half-life. <i>Current Opinion in HIV and AIDS</i> , 2015, 10, 160-169.	1.5	21
5	Animal models in HIV-1 protection and therapy. <i>Current Opinion in HIV and AIDS</i> , 2015, 10, 170-176.	1.5	49
6	Rationally Targeted Mutations at the V1V2 Domain of the HIV-1 Envelope to Augment Virus Neutralization by Anti-V1V2 Monoclonal Antibodies. <i>PLoS ONE</i> , 2015, 10, e0141233.	1.1	10
7	FcγR dependent mechanisms of cytotoxic, agonistic, and neutralizing antibody activities. <i>Trends in Immunology</i> , 2015, 36, 325-336.	2.9	157
8	Amino acid interaction networks provide a new lens for therapeutic antibody discovery and anti-viral drug optimization. <i>Current Opinion in Virology</i> , 2015, 11, 122-129.	2.6	6
9	Comparison of Immunogenicity in Rhesus Macaques of Transmitted-Founder, HIV-1 Group M Consensus, and Trivalent Mosaic Envelope Vaccines Formulated as a DNA Prime, NYVAC, and Envelope Protein Boost. <i>Journal of Virology</i> , 2015, 89, 6462-6480.	1.5	40
10	Co-evolution of the MHC class I and KIR gene families in rhesus macaques: ancestry and plasticity. <i>Immunological Reviews</i> , 2015, 267, 228-245.	2.8	35
11	Immunization for HIV-1 Broadly Neutralizing Antibodies in Human Ig Knockin Mice. <i>Cell</i> , 2015, 161, 1505-1515.	13.5	239
12	Antibody responses to envelope glycoproteins in HIV-1 infection. <i>Nature Immunology</i> , 2015, 16, 571-576.	7.0	364
13	Strategies to guide the antibody affinity maturation process. <i>Current Opinion in Virology</i> , 2015, 11, 137-147.	2.6	76
14	Viraemia suppressed in HIV-1-infected humans by broadly neutralizing antibody 3BNC117. <i>Nature</i> , 2015, 522, 487-491.	13.7	665
15	Dose-response curve slope helps predict therapeutic potency and breadth of HIV broadly neutralizing antibodies. <i>Nature Communications</i> , 2015, 6, 8443.	5.8	44
16	Antiviral Monoclonal Antibodies: Can They Be More Than Simple Neutralizing Agents?. <i>Trends in Microbiology</i> , 2015, 23, 653-665.	3.5	97
17	Strain-Specific V3 and CD4 Binding Site Autologous HIV-1 Neutralizing Antibodies Select Neutralization-Resistant Viruses. <i>Cell Host and Microbe</i> , 2015, 18, 354-362.	5.1	66
18	Perspectives for immunotherapy: which applications might achieve an HIV functional cure?. <i>Oncotarget</i> , 2016, 7, 38946-38958.	0.8	12

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19	Optimal Combinations of Broadly Neutralizing Antibodies for Prevention and Treatment of HIV-1 Clade C Infection. <i>PLoS Pathogens</i> , 2016, 12, e1005520.	2.1	150
20	Improvements and Limitations of Humanized Mouse Models for HIV Research: NIH/NIAID "Meet the Experts" 2015 Workshop Summary. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 109-119.	0.5	57
21	Sequential Immunization Elicits Broadly Neutralizing Anti-HIV-1 Antibodies in Ig Knockin Mice. <i>Cell</i> , 2016, 166, 1445-1458.e12.	13.5	270
22	Rationally Designed Vaccines Targeting the V2 Region of HIV-1 gp120 Induce a Focused, Cross-Clade-Reactive, Biologically Functional Antibody Response. <i>Journal of Virology</i> , 2016, 90, 10993-11006.	1.5	33
23	Identification of a CD4-Binding-Site Antibody to HIV that Evolved Near-Pan Neutralization Breadth. <i>Immunity</i> , 2016, 45, 1108-1121.	6.6	304
24	Structure/Function Studies Involving the V3 Region of the HIV-1 Envelope Delineate Multiple Factors That Affect Neutralization Sensitivity. <i>Journal of Virology</i> , 2016, 90, 636-649.	1.5	70
25	Engineering broadly neutralizing antibodies for HIV prevention and therapy. <i>Advanced Drug Delivery Reviews</i> , 2016, 103, 157-173.	6.6	17
26	Broadly Neutralizing Antibodies for HIV Eradication. <i>Current HIV/AIDS Reports</i> , 2016, 13, 31-37.	1.1	72
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28	Coexistence of potent HIV-1 broadly neutralizing antibodies and antibody-sensitive viruses in a viremic controller. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	128
29	Differential induction of anti-V3 crown antibodies with cradle- and ladle-binding modes in response to HIV-1 envelope vaccination. <i>Vaccine</i> , 2017, 35, 1464-1473.	1.7	15
30	Lessons learned from humoral responses of HIV patients. <i>Current Opinion in HIV and AIDS</i> , 2017, 12, 195-202.	1.5	16
31	Recurrent Potent Human Neutralizing Antibodies to Zika Virus in Brazil and Mexico. <i>Cell</i> , 2017, 169, 597-609.e11.	13.5	279
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33	Rare Control of SIVmac239 Infection in a Vaccinated Rhesus Macaque. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 843-858.	0.5	15
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35	Maternal Humoral Immune Correlates of Peripartum Transmission of Clade C HIV-1 in the Setting of Peripartum Antiretrovirals. <i>Vaccine Journal</i> , 2017, 24, .	3.2	14
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38	A single gp120 residue can affect HIV-1 tropism in macaques. PLoS Pathogens, 2017, 13, e1006572.	2.1	28
39	Humanized mouse models to study pathophysiology and treatment of HIV infection. Current Opinion in HIV and AIDS, 2018, 13, 143-151.	1.5	19
40	Antibody-mediated prevention and treatment of HIV-1 infection. Retrovirology, 2018, 15, 73.	0.9	53
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52	The HIV-1 Env gp120 Inner Domain Shapes the Phe43 Cavity and the CD4 Binding Site. MBio, 2020, 11, .	1.8	37
53	Structural basis for Zika envelope domain III recognition by a germline version of a recurrent neutralizing antibody. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9865-9875.	3.3	7
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57	Broad and potent neutralizing human antibodies to tick-borne flaviviruses protect mice from disease. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	25
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60	Antibodies Targeting the Envelope of HIV-1. , 0, , 191-208.		1
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72	Plasma and memory antibody responses to Gamma SARS-CoV-2 provide limited cross-protection to other variants. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	6
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