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109	The role of Fc receptors in HIV prevention and therapy. 2015 , 268, 296-310		27
108	Conformational Masking and Receptor-Dependent Unmasking of Highly Conserved Env Epitopes Recognized by Non-Neutralizing Antibodies That Mediate Potent ADCC against HIV-1. 2015 , 7, 5115-32		37
107	Computational drug design strategies applied to the modelling of human immunodeficiency virus-1 reverse transcriptase inhibitors. 2015 , 110, 847-64		17
106	Soluble Envelope Glycoprotein Trimers from a CD4-Independent HIV-1 Elicit Antibody-Dependent Cellular Cytotoxicity-Mediating Antibodies in Guinea Pigs. 2015 , 89, 10707-11		1
105	HIV Genome-Wide Protein Associations: a Review of 30 Years of Research. 2016 , 80, 679-731		43
104	Paring Down HIV Env: Design and Crystal Structure of a Stabilized Inner Domain of HIV-1 gp120 Displaying a Major ADCC Target of the A32 Region. 2016 , 24, 697-709		35
103	Organic synthesis in the Smith Group: a personal selection of a dozen lessons learned at the University of Pennsylvania. 2016 , 69, 192-202		
102	Small CD4 Mimetics Prevent HIV-1 Uninfected Bystander CD4 + T Cell Killing Mediated by Antibody-dependent Cell-mediated Cytotoxicity. 2016 , 3, 122-134		53
101	NKG2D Acts as a Co-Receptor for Natural Killer Cell-Mediated Anti-HIV-1 Antibody-Dependent Cellular Cytotoxicity. 2016 , 32, 1089-1096		23
100	Co-receptor Binding Site Antibodies Enable CD4-Mimetics to Expose Conserved Anti-cluster A ADCC Epitopes on HIV-1 Envelope Glycoproteins. 2016 , 12, 208-218		45
99	Elimination of HIV-1-infected cells by broadly neutralizing antibodies. 2016 , 7, 10844		150
98	Enhancing Virion Tethering by BST2 Sensitizes Productively and Latently HIV-infected T cells to ADCC Mediated by Broadly Neutralizing Antibodies. 2016 , 6, 37225		17
97	Molecular basis for epitope recognition by non-neutralizing anti-gp41 antibody F240. 2016 , 6, 36685		18
96	Small-Molecule CD4-Mimics: Structure-Based Optimization of HIV-1 Entry Inhibition. 2016 , 7, 330-4		60
95	The Yin and Yang of ADCC-Mediating Antibodies. 2016 , 3, 10-11		1
94	A Highly Conserved Residue of the HIV-1 gp120 Inner Domain Is Important for Antibody-Dependent Cellular Cytotoxicity Responses Mediated by Anti-cluster A Antibodies. 2016 , 90, 2127-34		53
93	Antibodies Elicited by Multiple Envelope Glycoprotein Immunogens in Primates Neutralize Primary Human Immunodeficiency Viruses (HIV-1) Sensitized by CD4-Mimetic Compounds. 2016 , 90, 5031-5046		27

(2017-2016)

92	Range of CD4-Bound Conformations of HIV-1 gp120, as Defined Using Conditional CD4-Induced Antibodies. 2016 , 90, 4481-4493	10
91	Nef Proteins from HIV-1 Elite Controllers Are Inefficient at Preventing Antibody-Dependent Cellular Cytotoxicity. 2015 , 90, 2993-3002	50
90	Pharmacologic Inhibition of Nedd8 Activation Enzyme Exposes CD4-Induced Epitopes within Env on Cells Expressing HIV-1. 2015 , 90, 2486-502	9
89	Antibody-Dependent Cellular Cytotoxicity against Reactivated HIV-1-Infected Cells. 2016 , 90, 2021-30	38
88	Env-Specific IgA from Viremic HIV-Infected Subjects Compromises Antibody-Dependent Cellular Cytotoxicity. 2016 , 90, 670-81	22
87	Lack of ADCC Breadth of Human Nonneutralizing Anti-HIV-1 Antibodies. 2017 , 91,	46
86	Survivors Remorse: antibody-mediated protection against HIV-1. 2017 , 275, 271-284	23
85	Beyond Viral Neutralization. 2017 , 33, 760-764	24
84	Influence of the Envelope gp120 Phe 43 Cavity on HIV-1 Sensitivity to Antibody-Dependent Cell-Mediated Cytotoxicity Responses. 2017 , 91,	30
83	Mechanisms of HIV persistence in HIV reservoirs. 2017 , 27, e1924	29
82	Impaired Downregulation of NKG2D Ligands by Nef Proteins from Elite Controllers Sensitizes HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity. 2017 , 91,	22
81	Anti-HIV-1 ADCC Antibodies following Latency Reversal and Treatment Interruption. 2017, 91,	11
80	BST-2 Expression Modulates Small CD4-Mimetic Sensitization of HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity. 2017 , 91,	29
79	Cell-based Fluorescence Complementation Reveals a Role for HIV-1 Nef Protein Dimerization in AP-2 Adaptor Recruitment and CD4 Co-receptor Down-regulation. 2017 , 292, 2670-2678	13
78	Targeting the Late Stage of HIV-1 Entry for Antibody-Dependent Cellular Cytotoxicity: Structural Basis for Env Epitopes in the C11 Region. 2017 , 25, 1719-1731.e4	26
77	Chemical optimization of macrocyclic HIV-1 inactivators for improving potency and increasing the structural diversity at the triazole ring. 2017 , 15, 7770-7782	14
76	Potent NK Cell-Mediated Elimination of HIV-1-Infected Cells Mobilized by a gp120-Bispecific and Hexavalent Broadly Neutralizing Fusion Protein. 2017 , 91,	24
75	Short Communication: Small-Molecule CD4 Mimetics Sensitize HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity by Antibodies Elicited by Multiple Envelope Glycoprotein Immunogens in Nonhuman Primates. 2017 , 33, 428-431	14

74	Natural Killer (NK) Cell Education Differentially Influences HIV Antibody-Dependent NK Cell Activation and Antibody-Dependent Cellular Cytotoxicity. 2017 , 8, 1033	10
73	Driving HIV-1 into a Vulnerable Corner by Taking Advantage of Viral Adaptation and Evolution. 2017 , 8, 390	9
72	Advancements in Developing Strategies for Sterilizing and Functional HIV Cures. 2017, 2017, 6096134	23
71	Systems serology: profiling vaccine induced humoral immunity against HIV. 2017 , 14, 57	35
70	Unlocking HIV-1 Env: implications for antibody attack. 2017 , 14, 42	4
69	A Small-Molecule CD4-Mimetic Compound Protects Bone Marrow-Liver-Thymus Humanized Mice From HIV-1 Infection. 2018 , 218, 471-475	14
68	HIV Reactivation after Partial Protection by Neutralizing Antibodies. 2018, 39, 359-366	5
67	Envelope glycoproteins sampling states 2/3 are susceptible to ADCC by sera from HIV-1-infected individuals. 2018 , 515, 38-45	27
66	Incomplete Downregulation of CD4 Expression Affects HIV-1 Env Conformation and Antibody-Dependent Cellular Cytotoxicity Responses. 2018 , 92,	33
65	Impact of HIV-1 Envelope Conformation on ADCC Responses. 2018 , 26, 253-265	44
64	Anti-HIV-1 antibody-dependent cellular cytotoxicity: is there more to antibodies than neutralization?. 2018 , 13, 160-166	22
63	Prospects from systems serology research. 2018 , 153, 279-289	38
62	Antibody-dependent cellular cytotoxicity in HIV infection. 2018, 32, 2439-2451	37
61	Intrinsically Disordered Landscapes for Human CD4 Receptor Peptide. 2018 , 122, 11906-11921	7
60	Susceptibility to Neutralization by Broadly Neutralizing Antibodies Generally Correlates with Infected Cell Binding for a Panel of Clade B HIV Reactivated from Latent Reservoirs. 2018 , 92,	16
59	Uninfected Bystander Cells Impact the Measurement of HIV-Specific Antibody-Dependent Cellular Cytotoxicity Responses. 2018 , 9,	56
58	A CD4-mimetic compound enhances vaccine efficacy against stringent immunodeficiency virus challenge. 2018 , 9, 2363	24
57	CD4 Incorporation into HIV-1 Viral Particles Exposes Envelope Epitopes Recognized by CD4-Induced Antibodies. 2019 , 93,	15

(2021-2019)

56	A New Family of Small-Molecule CD4-Mimetic Compounds Contacts Highly Conserved Aspartic Acid 368 of HIV-1 gp120 and Mediates Antibody-Dependent Cellular Cytotoxicity. 2019 , 93,	11
55	Upregulation of BST-2 by Type I Interferons Reduces the Capacity of Vpu To Protect HIV-1-Infected Cells from NK Cell Responses. 2019 , 10,	4
54	CD4- and Time-Dependent Susceptibility of HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity. 2019 , 93,	9
53	An Asymmetric Opening of HIV-1 Envelope Mediates Antibody-Dependent Cellular Cytotoxicity. 2019 , 25, 578-587.e5	59
52	Two Families of Env Antibodies Efficiently Engage Fc-Gamma Receptors and Eliminate HIV-1-Infected Cells. 2019 , 93,	32
51	Harnessing Antibody-Dependent Cellular Cytotoxicity To Control HIV-1 Infection. 2019 , 5, 158-176	3
50	Optimization of Small Molecules That Sensitize HIV-1 Infected Cells to Antibody-Dependent Cellular Cytotoxicity. 2020 , 11, 371-378	4
49	Defining rules governing recognition and Fc-mediated effector functions to the HIV-1 co-receptor binding site. 2020 , 18, 91	7
48	Recognition Patterns of the C1/C2 Epitopes Involved in Fc-Mediated Response in HIV-1 Natural Infection and the RV114 Vaccine Trial. 2020 , 11,	2
47	Slow Receptor Binding of the Noncytopathic HIV-2 Envs Is Balanced by Long-Lived Activation State and Efficient Fusion Activity. 2020 , 31, 107749	5
46	Opening the HIV envelope: potential of CD4 mimics as multifunctional HIV entry inhibitors. 2020 , 15, 300-308	6
45	The HIV-1 Env gp120 Inner Domain Shapes the Phe43 Cavity and the CD4 Binding Site. 2020, 11,	14
44	Differential Pressures of SERINC5 and IFITM3 on HIV-1 Envelope Glycoprotein over the Course of HIV-1 Infection. 2020 , 94,	5
43	HIV-1 Vpu Downregulates Tim-3 from the Surface of Infected CD4 T Cells. 2020 , 94,	10
42	Single-Molecule FRET Imaging of Virus Spike-Host Interactions. 2021 , 13,	5
41	Therapeutic potential of HIV-1 entry inhibitor peptidomimetics. 2021 , 246, 1060-1068	0
40	Stabilizing the HIV-1 envelope glycoprotein State 2A conformation. 2020 ,	4
39	Adjuvant-mediated enhancement of the immune response to HIV vaccines. 2021 ,	1

Characterization of antibody-dependent cellular cytotoxicity induced by the plasma from persons living with HIV-1 based on target cells with or without CD4 molecules. **2021**, 23, 104805

37	Modulating HIV-1 envelope glycoprotein conformation to decrease the HIV-1 reservoir. 2021 , 29, 904-916.e6	6
36	Novel compound inhibitors of HIV-1NL4-3 Vpu.	О
35	Across functional boundaries: making non-neutralizing antibodies to neutralize HIV-1 and mediate Fc-mediated effector killing of infected cells.	
34	Functional analysis of a monoclonal antibody reactive against the C1C2 of Env obtained from a patient infected with HIV-1 CRF02_AG. 2021 , 18, 23	0
33	Enhanced Ability of Plant-Derived PGT121 Glycovariants To Eliminate HIV-1-Infected Cells. 2021 , 95, e0079621	1
32	Across Functional Boundaries: Making Nonneutralizing Antibodies To Neutralize HIV-1 and Mediate Fc-Mediated Effector Killing of Infected Cells. 2021 , 12, e0140521	1
31	The HIV-1 accessory protein Nef increases surface expression of the checkpoint receptor Tim-3 in infected CD4 T cells. 2021 , 297, 101042	3
30	HIV-1 entry: Duels between Env and host antiviral transmembrane proteins on the surface of virus particles. 2021 , 50, 59-68	O
29	The Conformational States of the HIV-1 Envelope Glycoproteins. 2020 , 28, 655-667	30
28	Susceptibility to Neutralization by Broadly Neutralizing Antibodies Correlates with Infected Cell Binding for a Panel of Clade B HIV Reactivated from Latent Reservoirs.	2
27	Delineating CD4 dependency of HIV-1: Adaptation to infect low level CD4 expressing target cells widens cellular tropism but severely impacts on envelope functionality. 2017 , 13, e1006255	22
26	eCD4-lg promotes ADCC activity of sera from HIV-1-infected patients. 2017 , 13, e1006786	19
25	Uncovering HIV-1-infected cells. 2015 , 6, 21791-2	2
24	Causal role of infectious agents in cancer: An overview. 2017 , 8, 153-158	17
23	HIV-1 Envelope Glycoprotein Cell Surface Localization Is Associated with Antibody-Induced Internalization. 2021 , 13,	1
22	HIV-1 envelope glycoproteins proteolytic cleavage protects infected cells from ADCC mediated by plasma from infected individuals.	0
21	HIV-1 Envelope Glycoproteins Proteolytic Cleavage Protects Infected Cells from ADCC Mediated by Plasma from Infected Individuals. 2021 , 13,	1

Detection of the HIV-1 accessory proteins Nef and Vpu by flow cytometry represents a new tool to study their functional interplay within a single infected CD4+ T cell.

19	Engaging innate immunity in HIV-1 cure strategies. 2021 ,	2
18	Recent research results have converted gp120 binders to a therapeutic option for the treatment of HIV-1 infection. A medicinal chemistry point of view 2021 , 229, 114078	1
17	Detection of the HIV-1 accessory proteins Nef and Vpu by flow cytometry represents a new tool to study their functional interplay within a single infected CD4+ T cell 2022 , jvi0192921	1
16	HIV-1 Vpu restricts Fc-mediated effector functions in vivo.	О
15	The HIV Env Glycoprotein Conformational States on Cells and Viruses 2022 , e0182521	O
14	The Genesis and Future Prospects of Small Molecule HIV-1 Attachment Inhibitors 2022, 1366, 45-64	О
13	Small-Molecule HIV Entry Inhibitors Targeting gp120 and gp41 2022 , 1366, 27-43	
12	Novel Compound Inhibitors of HIV-1 Vpu 2022 , 14,	О
11	Characterization of human immunodeficiency virus (HIV-1) envelope glycoprotein variants selected for resistance to a CD4-mimetic compound.	
10	Small CD4 mimetics sensitize HIV-1-infected macrophages to antibody-dependent cellular cytotoxicity.	
9	Characterization of Human Immunodeficiency Virus (HIV-1) Envelope Glycoprotein Variants Selected for Resistance to a CD4-Mimetic Compound.	2
8	HIV-1 Vpu restricts Fc-mediated effector functions in vivo. 2022 , 41, 111624	О
7	Structural and Functional Characterization of Indane-Core CD4-Mimetic Compounds Substituted with Heterocyclic Amines.	O
6	Characterization of a Novel CD4 Mimetic Compound YIR-821 against HIV-1 Clinical Isolates.	О
5	Small CD4 mimetics sensitize HIV-1-infected macrophages to antibody-dependent cellular cytotoxicity. 2023 , 42, 111983	O
4	Indoline CD4-mimetic Compounds Mediate Potent and Broad HIV-1 Inhibition and Sensitization to Antibody-dependent Cellular Cytotoxicity.	О
3	Temsavir blocks the immunomodulatory activities of HIV-1 soluble gp120. 2023 ,	O

Piperidine CD4-mimetic compounds expose vulnerable Env epitopes sensitizing HIV-1-infected cells to ADCC.

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Reconstruction of a polyclonal ADCC antibody repertoire from an HIV-1 non-transmitting mother. **2023**, 26, 106762

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