

The Biology of the HIV-1 Latent Reservoir and Implications

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Immunological approaches to HIV cure. <i>Seminars in Immunology</i> , 2021, 51, 101412.	2.7	39
2	Immune Checkpoints in Viral Infections. <i>Viruses</i> , 2020, 12, 1051.	1.5	33
3	Advances in Continuous Microfluidics-Based Technologies for the Study of HIV Infection. <i>Viruses</i> , 2020, 12, 982.	1.5	9
4	Experimental Systems for Measuring HIV Latency and Reactivation. <i>Viruses</i> , 2020, 12, 1279.	1.5	15
5	HIV-1 Proviral Transcription and Latency in the New Era. <i>Viruses</i> , 2020, 12, 555.	1.5	29
6	Unconventional CD45RA+ memory CD8 T cells to control HIV infection during antiretroviral therapy. <i>Cellular and Molecular Immunology</i> , 2020, 17, 897-898.	4.8	2
7	Bringing Gene Therapies for HIV Disease to Resource-Limited Parts of the World. <i>Human Gene Therapy</i> , 2021, 32, 21-30.	1.4	8
8	Chronic obstructive pulmonary disease in HIV. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 71-87.	1.0	17
9	Selective Decay of Intact HIV-1 Proviral DNA on Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2021, 223, 225-233.	1.9	80
10	HIV-1 Entry and Prospects for Protecting against Infection. <i>Microorganisms</i> , 2021, 9, 228.	1.6	5
11	Shocking HIV-1 with immunomodulatory latency reversing agents. <i>Seminars in Immunology</i> , 2021, 51, 101478.	2.7	11
12	HIV-specific T cell responses reflect substantive in vivo interactions with antigen despite long-term therapy. <i>JCI Insight</i> , 2021, 6, .	2.3	40
13	Antigen-driven clonal selection shapes the persistence of HIV-1-infected CD4+ T cells in vivo. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	103
15	Antivirals with common targets against highly pathogenic viruses. <i>Cell</i> , 2021, 184, 1604-1620.	13.5	78
16	Chimeric antigen receptor T-cell therapy for HIV cure. <i>Current Opinion in HIV and AIDS</i> , 2021, 16, 88-97.	1.5	6
17	Improved Detection of HIV Gag p24 Protein Using a Combined Immunoprecipitation and Digital ELISA Method. <i>Frontiers in Microbiology</i> , 2021, 12, 636703.	1.5	12
18	In the Era of mRNA Vaccines, Is There Any Hope for HIV Functional Cure?. <i>Viruses</i> , 2021, 13, 501.	1.5	16
19	Antibody-mediated depletion of viral reservoirs is limited in SIV-infected macaques treated early with antiretroviral therapy. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	11

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20	Cut Microbiome Homeostasis and the CD4 T- Follicular Helper Cell IgA Axis in Human Immunodeficiency Virus Infection. <i>Frontiers in Immunology</i> , 2021, 12, 657679.	2.2	6
21	LILAC pilot study: Effects of metformin on mTOR activation and HIV reservoir persistence during antiretroviral therapy. <i>EBioMedicine</i> , 2021, 65, 103270.	2.7	46
22	Unified model of short- and long-term HIV viral rebound for clinical trial planning. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20201015.	1.5	6
23	Integration in oncogenes plays only a minor role in determining the in vivo distribution of HIV integration sites before or during suppressive antiretroviral therapy. <i>PLoS Pathogens</i> , 2021, 17, e1009141.	2.1	36
24	The Architecture of Circulating Immune Cells Is Dysregulated in People Living With HIV on Long Term Antiretroviral Treatment and Relates With Markers of the HIV-1 Reservoir, Cytomegalovirus, and Microbial Translocation. <i>Frontiers in Immunology</i> , 2021, 12, 661990.	2.2	19
25	Mechanisms of residual immune activation in HIV-1-infected human lymphoid tissue ex vivo. <i>Aids</i> , 2021, 35, 1179-1190.	1.0	2
26	Visualization of HIV-1 reservoir: an imaging perspective. <i>Current Opinion in HIV and AIDS</i> , 2021, 16, 232-239.	1.5	1
27	CD32+CD4+ T Cells Sharing B Cell Properties Increase With Simian Immunodeficiency Virus Replication in Lymphoid Tissues. <i>Frontiers in Immunology</i> , 2021, 12, 695148.	2.2	8
28	Overt IL-32 isoform expression at intestinal level during HIV-1 infection is negatively regulated by IL-17A. <i>Aids</i> , 2021, 35, 1881-1894.	1.0	4
29	Antibody Conjugates for Targeted Therapy Against HIV-1 as an Emerging Tool for HIV-1 Cure. <i>Frontiers in Immunology</i> , 2021, 12, 708806.	2.2	11
30	Transient CD4-cell-depletion therapy for HIV/AIDS cure. <i>Chinese Medical Journal</i> , 2021, 134, 1930-1932.	0.9	1
31	Analytical Treatment Interruption in HIV Trials: Statistical and Study Design Considerations. <i>Current HIV/AIDS Reports</i> , 2021, 18, 475-482.	1.1	3
32	Viral, inflammatory, and reservoir characteristics of posttreatment controllers. <i>Current Opinion in HIV and AIDS</i> , 2021, 16, 249-256.	1.5	3
33	Low-Level Anorectal HIV Shedding despite Effective Antiretroviral Therapy Is Not Driven by Mucosal Inflammation. <i>Journal of Immunology</i> , 2021, 207, 685-695.	0.4	0
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37	A Tale of Two Viruses: Immunological Insights Into HCV/HIV Coinfection. <i>Frontiers in Immunology</i> , 2021, 12, 726419.	2.2	28

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38	The Current Status of Latency Reversing Agents for HIV-1 Remission. <i>Annual Review of Virology</i> , 2021, 8, 491-514.	3.0	44
39	MAT2A-Mediated S-Adenosylmethionine Level in CD4+ T Cells Regulates HIV-1 Latent Infection. <i>Frontiers in Immunology</i> , 2021, 12, 745784.	2.2	3
40	Unique Gut Microbiome in HIV Patients on Antiretroviral Therapy (ART) Suggests Association with Chronic Inflammation. <i>Microbiology Spectrum</i> , 2021, 9, e0070821.	1.2	38
41	Relationship between CD4 T cell turnover, cellular differentiation and HIV persistence during ART. <i>PLoS Pathogens</i> , 2021, 17, e1009214.	2.1	25
42	Longitudinal Dynamics of Intact HIV Proviral DNA and Outgrowth Virus Frequencies in a Cohort of Individuals Receiving Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2021, 224, 92-100.	1.9	57
43	Editing of the TRIM5 Gene Decreases the Permissiveness of Human T Lymphocytic Cells to HIV-1. <i>Viruses</i> , 2021, 13, 24.	1.5	6
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60	A Toxin-Conjugated Recombinant Protein Targeting gp120 and gp41 for Inactivating HIV-1 Virions and Killing Latency-Reversing Agent-Reactivated Latent Cells. <i>MBio</i> , 2022, 13, e0338421.	1.8	4
61	4 β -Modified Nucleosides for Antiviral Drug Discovery: Achievements and Perspectives. <i>Accounts of Chemical Research</i> , 2022, 55, 565-578.	7.6	30
62	Longitudinal clonal dynamics of HIV-1 latent reservoirs measured by combination quadruplex polymerase chain reaction and sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	52
63	Reduced and highly diverse peripheral HIV-1 reservoir in virally suppressed patients infected with non-B HIV-1 strains in Uganda. <i>Retrovirology</i> , 2022, 19, 1.	0.9	5
64	Newly Emerging Strategies in Antiviral Drug Discovery: Dedicated to Prof. Dr. Erik De Clercq on Occasion of His 80th Anniversary. <i>Molecules</i> , 2022, 27, 850.	1.7	15

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66	HIV-Sheltering Platelets From Immunological Non-Responders Induce a Dysfunctional Glycolytic CD4+ T-Cell Profile. <i>Frontiers in Immunology</i> , 2021, 12, 781923.	2.2	1
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71	HIV-1 Reservoir Persistence and Decay: Implications for Cure Strategies. <i>Current HIV/AIDS Reports</i> , 2022, 19, 194-206.	1.1	10
72	Peripheral blood CD4+CCR6+ compartment differentiates HIV-1 infected or seropositive elite controllers from long-term successfully treated individuals. <i>Communications Biology</i> , 2022, 5, 357.	2.0	2
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85	Lenalidomide potentially reduced the level of cell-associated HIV RNA and improved persistent inflammation in patients with HIV-associated cryptococcal meningitis a pilot study. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	1

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86	Comparative immunogenicity of an mRNA/LNP and a DNA vaccine targeting HIV gag conserved elements in macaques. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	10
87	The reservoir of latent HIV. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	16
88	Early treatment regimens achieve sustained virologic remission in infant macaques infected with SIV at birth. <i>Nature Communications</i> , 2022, 13, .	5.8	1
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96	Genotypic Resistance Testing of HIV-1 DNA in Peripheral Blood Mononuclear Cells. <i>Clinical Microbiology Reviews</i> , 2022, 35, .	5.7	8
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100	S100A8-mediated metabolic adaptation controls HIV-1 persistence in macrophages in vivo. <i>Nature Communications</i> , 2022, 13, .	5.8	10
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106	Cell and Tissue Specific Metabolism of Nucleoside and Nucleotide Drugs: Case Studies and Implications for Precision Medicine. <i>Drug Metabolism and Disposition</i> , 2023, 51, 360-368.	1.7	3
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119	Tracing the recent updates on vaccination approaches and significant adjuvants being developed against HIV. <i>Expert Review of Anti-Infective Therapy</i> , 2023, 21, 431-446.	2.0	0
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