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## Characterization and immunogenicity of a novel mosaic M HIV-1 gp140 trimer

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Journal of Virology, 2014, 88, 9538-52.

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#	Paper	IF	Citations
29	Stable, uncleaved HIV-1 envelope glycoprotein gp140 forms a tightly folded trimer with a native-like structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 18542-7	11.5	54
28	Envelope variants circulating as initial neutralization breadth developed in two HIV-infected subjects stimulate multiclade neutralizing antibodies in rabbits. <i>Journal of Virology</i> , <b>2014</b> , 88, 12949-67	6.6	29
27	Complementary and synergistic activities of anti-V3, CD4bs and CD4i antibodies derived from a single individual can cover a wide range of HIV-1 strains. <i>Virology</i> , <b>2015</b> , 475, 187-203	3.6	17
26	Quantification of the epitope diversity of HIV-1-specific binding antibodies by peptide microarrays for global HIV-1 vaccine development. <i>Journal of Immunological Methods</i> , <b>2015</b> , 416, 105-23	2.5	31
25	A New Scientific Paradigm may be Needed to Finally Develop an HIV Vaccine. <i>Frontiers in Immunology</i> , <b>2015</b> , 6, 124	8.4	24
24	A native-like SOSIP.664 trimer based on an HIV-1 subtype B env gene. <i>Journal of Virology</i> , <b>2015</b> , 89, 3380-3395	6.6	191
23	A multivalent clade C HIV-1 Env trimer cocktail elicits a higher magnitude of neutralizing antibodies than any individual component. <i>Journal of Virology</i> , <b>2015</b> , 89, 2507-19	6.6	33
22	Influences on the Design and Purification of Soluble, Recombinant Native-Like HIV-1 Envelope Glycoprotein Trimers. <i>Journal of Virology</i> , <b>2015</b> , 89, 12189-210	6.6	66
21	New concepts in HIV-1 vaccine development. <i>Current Opinion in Immunology</i> , <b>2016</b> , 41, 39-46	7.8	58
20	New developments in an old strategy: heterologous vector primes and envelope protein boosts in HIV vaccine design. <i>Expert Review of Vaccines</i> , <b>2016</b> , 15, 1015-27	5.2	6
19	A recombinant multi-epitope protein MEP1 elicits efficient long-term immune responses against HIV-1 infection. <i>Human Vaccines and Immunotherapeutics</i> , <b>2017</b> , 13, 1-9	4.4	2
18	Effects of Adjuvants on HIV-1 Envelope Glycoprotein SOSIP Trimers. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	26
17	Neutralizing Antibody Responses following Long-Term Vaccination with HIV-1 Env gp140 in Guinea Pigs. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	8
16	HIV Vaccine Efficacy Trials: RV144 and Beyond. <i>Advances in Experimental Medicine and Biology</i> , <b>2018</b> , 1075, 3-30	3.6	3
15	Exploiting glycan topography for computational design of Env glycoprotein antigenicity. <i>PLoS Computational Biology</i> , <b>2018</b> , 14, e1006093	5	14
14	Human Immunodeficiency Virus Vaccines. <b>2018</b> , 400-429.e25		
13	Extraction of Immune Epitope Information. <b>2019</b> , 39-46		

12	Unexpected Receptor Functional Mimicry Elucidates Activation of Coronavirus Fusion. <i>Cell</i> , <b>2019</b> , 176, 1026-1039.e15	56.2	416
11	New Vaccine Design and Delivery Technologies. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 219, S88-S96	7	35
10	Monoclonal Antibody 2C6 Targets a Cross-Clade Conformational Epitope in gp41 with Highly Active Antibody-Dependent Cell Cytotoxicity. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	2
9	Strategies for inducing effective neutralizing antibody responses against HIV-1. <i>Expert Review of Vaccines</i> , <b>2019</b> , 18, 1127-1143	5.2	17
8	HIV-1 Neutralizing Antibody Signatures and Application to Epitope-Targeted Vaccine Design. <i>Cell Host and Microbe</i> , <b>2019</b> , 25, 59-72.e8	23.4	56
7	CTLA-4 Blockade, during HIV Virus-Like Particles Immunization, Alters HIV-Specific B-Cell Responses. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	3
6	One-step sequence and structure-guided optimization of HIV-1 envelope gp140. <i>Current Research in Structural Biology</i> , <b>2020</b> , 2, 45-55	2.8	6
5	The diversity of HIV-1 fights against vaccine efficacy: how self-assembling protein nanoparticle technology may fight back. <i>Nanomedicine</i> , <b>2021</b> , 16, 673-680	5.6	
4	The current and future role of nanovaccines in HIV-1 vaccine development. <i>Expert Review of Vaccines</i> , <b>2021</b> , 20, 935-944	5.2	2
3	HIV-1 Subtype C Mosaic Gag Expressed by BCG and MVA Elicits Persistent Effector T Cell Responses in a Prime-Boost Regimen in Mice. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159141	3.7	10
2	Sequential and Simultaneous Immunization of Rabbits with HIV-1 Envelope Glycoprotein SOSIP.664 Trimers from Clades A, B and C. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005864	7.6	101
1	Safety and Immunogenicity of Ad26-vectored HIV Vaccine with Mosaic Immunogens and a Novel Mosaic Envelope Protein in HIV-uninfected Adults: A Phase 1/2a Study.		0