

# Chemical Strategies to Boost Cancer Vaccines

Chemical Reviews

120, 11420-11478

DOI: [10.1021/acs.chemrev.9b00833](https://doi.org/10.1021/acs.chemrev.9b00833)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Pam <sub>3</sub> CSK <sub>4</sub> -CDG <sup>SF</sup> Augments Antitumor Immunotherapy by Synergistically Activating TLR1/2 and STING. <i>Bioconjugate Chemistry</i> , 2020, 31, 2499-2503.	1.8	14
2	A novel STING agonist for cancer immunotherapy and a SARS-CoV-2 vaccine adjuvant. <i>Chemical Communications</i> , 2021, 57, 504-507.	2.2	36
3	Synthesis and biological evaluation of a lipopeptide-based methamphetamine vaccine. <i>Chinese Chemical Letters</i> , 2021, 32, 1575-1579.	4.8	5
4	Nanomaterial-based delivery vehicles for therapeutic cancer vaccine development. <i>Cancer Biology and Medicine</i> , 2021, 18, 352-371.	1.4	22
5	Full synthesis and bioactivity evaluation of Tn-RC-529 derivative conjugates as self-adjuvanting cancer vaccines. <i>Chinese Chemical Letters</i> , 2021, 32, 3011-3014.	4.8	7
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7	Injectable Adhesive Hydrogel as Photothermalâ€Derived Antigen Reservoir for Enhanced Antiâ€Tumor Immunity. <i>Advanced Functional Materials</i> , 2021, 31, 2010587.	7.8	54
8	Development of Î±-Selective Glycosylation for the Synthesis of Deoxyfluorinated T <sub>N</sub> Antigen Analogues. <i>Journal of Organic Chemistry</i> , 2021, 86, 5073-5090.	1.7	6
9	Recent Advances in Engineered Materials for Immunotherapyâ€Involved Combination Cancer Therapy. <i>Advanced Materials</i> , 2021, 33, e2007630.	11.1	112
10	Black phosphorous nanosheet: A novel immune-potentiating nanoadjuvant for near-infrared-improved immunotherapy. <i>Biomaterials</i> , 2021, 273, 120788.	5.7	40
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13	Synthesis, properties, and biomedical applications of alginate methacrylate (ALMA)-based hydrogels: Current advances and challenges. <i>Applied Materials Today</i> , 2021, 24, 101150.	2.3	29
15	Enhancing therapeutic performance of personalized cancer vaccine via delivery vectors. <i>Advanced Drug Delivery Reviews</i> , 2021, 177, 113927.	6.6	34
16	Design, synthesis, and initial immunological evaluation of glycoconjugates based on saponin adjuvants and the Tn antigen. <i>Chemical Communications</i> , 2021, 57, 11382-11385.	2.2	5
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18	The Development of Vaccines from Synthetic Tumorâ€Associated Mucin Glycopeptides and their Glycosylationâ€Dependent Immune Response. <i>Chemical Record</i> , 2021, 21, 3313-3331.	2.9	13
19	Revealing Functional Significance of Interleukinâ€2 Glycoproteoforms Enabled by Expressed Serine Ligation. <i>Chinese Journal of Chemistry</i> , 2022, 40, 787-793.	2.6	13

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20	RBD conjugate vaccine with a built-in TLR1/2 agonist is highly immunogenic against SARS-CoV-2 and variants of concern. <i>Chemical Communications</i> , 2022, 58, 2120-2123.	2.2	17
21	Overcoming STING Agonists Barriers: Peptide, Protein, and Biomembrane-based Biocompatible Delivery Strategies. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	4
22	Self-Adjuvanting Lipoprotein Conjugate ±GalCer-RBD Induces Potent Immunity against SARS-CoV-2 and its Variants of Concern. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2558-2570.	2.9	23
24	A chitosan-mediated inhalable nanovaccine against SARS-CoV-2. <i>Nano Research</i> , 2022, 15, 4191-4200.	5.8	28
25	MUC1 Specific Immune Responses Enhanced by Coadministration of Liposomal DDA/MPLA and Lipoglycopeptide. <i>Frontiers in Chemistry</i> , 2022, 10, 814880.	1.8	6
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27	Hyperthermia based individual in situ recombinant vaccine enhances lymph nodes drainage for de novo antitumor immunity. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 3398-3409.	5.7	6
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29	Alum Adjuvant and Built-in TLR7 Agonist Synergistically Enhance Anti-MUC1 Immune Responses for Cancer Vaccine. <i>Frontiers in Immunology</i> , 2022, 13, 857779.	2.2	12
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36	Novel Oxime-Derivatized Synthetic Triterpene Glycosides as Potent Saponin Vaccine Adjuvants. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	5
37	Synthetic vaccines targeting Mincle through conjugation of trehalose dibehenate. <i>Chemical Communications</i> , 2022, 58, 6890-6893.	2.2	3
38	Fully synthetic Tn-based three-component cancer vaccine using covalently linked TLR4 ligand MPLA and iNKT cell agonist KRN-7000 as built-in adjuvant effectively protects mice from tumor development. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 4432-4445.	5.7	8

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40	Responsive Multivesicular Polymeric Nanovaccines that Codeliver STING Agonists and Neoantigens for Combination Tumor Immunotherapy. <i>Advanced Science</i> , 2022, 9, .	5.6	25
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63	A Cascade-Targeted Enzyme-Instructed Peptide Self-Assembly Strategy for Cancer Immunotherapy through Boosting Immunogenic Cell Death. <i>Small Methods</i> , 2023, 7, .	4.6	6
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