

# Radiotherapy combination opportunities leveraging immunotherapy in clinical practice

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Stereotactic body radiotherapy in the era of radiotherapy with immunotherapy. <i>Journal of Thoracic Disease</i> , 2016, 8, 2968-2970.	1.4	3
2	New initiatives in the treatment of breast cancer. <i>Medical Journal of Australia</i> , 2016, 205, 449-450.	1.7	4
3	The immunomodulatory anticancer agent, RRx-001, induces an interferon response through epigenetic induction of viral mimicry. <i>Clinical Epigenetics</i> , 2017, 9, 4.	4.1	33
4	Precision radiation oncology: Achievements and challenges. <i>Precision Radiation Oncology</i> , 2017, 1, 4-6.	1.1	2
5	The Future of Radioligand Therapy: $\hat{1}$ , $\hat{2}$ , or Both?. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1017-1018.	5.0	53
6	Recent developments in radiotherapy for small-cell lung cancer: a review by the Oncologic Group for the Study of Lung Cancer (Spanish Radiation Oncology Society). <i>Clinical and Translational Oncology</i> , 2017, 19, 1183-1192.	2.4	7
7	Combining radiotherapy with immunotherapy: the past, the present and the future. <i>British Journal of Radiology</i> , 2017, 90, 20170157.	2.2	99
8	Neoadjuvant chemotherapy in soft tissue sarcomas: latest evidence and clinical implications. <i>Therapeutic Advances in Medical Oncology</i> , 2017, 9, 415-429.	3.2	110
9	Are tumor-infiltrating lymphocytes protagonists or background actors in patient selection for cancer immunotherapy?. <i>Expert Opinion on Biological Therapy</i> , 2017, 17, 735-746.	3.1	66
10	Immunomodulation by ionizing radiationâ€”impact for design of radioâ€”immunotherapies and for treatment of inflammatory diseases. <i>Immunological Reviews</i> , 2017, 280, 231-248.	6.0	140
11	Zymosan-a Protects the Hematopoietic System from Radiation-Induced Damage by Targeting TLR2 Signaling Pathway. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 457-464.	1.6	12
12	Mechanisms regulating T-cell infiltration and activity in solid tumors. <i>Annals of Oncology</i> , 2017, 28, xii18-xii32.	1.2	276
13	Neutrophils, a candidate biomarker and target for radiation therapy?. <i>Acta OncolÃ³gica</i> , 2017, 56, 1522-1530.	1.8	50
14	Down regulation of miR-143 promotes radiation â€” Induced thymic lymphoma by targeting B7H1. <i>Toxicology Letters</i> , 2017, 280, 116-124.	0.8	6
15	Prognostic impact of leukocyte counts before and during radiotherapy for oropharyngeal cancer. <i>Clinical and Translational Radiation Oncology</i> , 2017, 7, 28-35.	1.7	18
16	Hypofractionated stereotactic radiation therapy activates the peripheral immune response in operable stage I non-small-cell lung cancer. <i>Scientific Reports</i> , 2017, 7, 4866.	3.3	38
17	A phase I/II trial of fixed-dose stereotactic body radiotherapy with sequential or concurrent pembrolizumab in metastatic urothelial carcinoma: evaluation of safety and clinical and immunologic response. <i>Journal of Translational Medicine</i> , 2017, 15, 150.	4.4	26
18	Radiation Treatment in Women with Ovarian Cancer: Past, Present, and Future. <i>Frontiers in Oncology</i> , 2017, 7, 177.	2.8	59

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19	Engineering Chimeric Antigen Receptor T-Cells for Racing in Solid Tumors: Don't Forget the Fuel. <i>Frontiers in Immunology</i> , 2017, 8, 267.	4.8	61
20	Expanding the therapeutic index of radiation therapy by normal tissue protection. <i>British Journal of Radiology</i> , 2019, 92, 20180008.	2.2	41
21	Hypothesis: can the abscopal effect explain the impact of adjuvant radiotherapy on breast cancer mortality?. <i>Npj Breast Cancer</i> , 2018, 4, 8.	5.2	38
22	The importance of the vascular endothelial barrier in the immune-inflammatory response induced by radiotherapy. <i>British Journal of Radiology</i> , 2018, 91, 20170762.	2.2	57
23	The mechanism for the radioprotective effects of zymosan in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2413-2421.	3.6	11
24	Out of the darkness and into the light: New strategies for improving treatments for locally advanced non-small cell lung cancer. <i>Cancer Letters</i> , 2018, 421, 59-62.	7.2	8
25	Pembrolizumab for the treatment of bladder cancer. <i>Expert Review of Anticancer Therapy</i> , 2018, 18, 107-114.	2.4	12
26	Pembrolizumab combined with stereotactic body radiotherapy in a patient with human immunodeficiency virus and advanced non-small cell lung cancer: a case report. <i>Journal of Medical Case Reports</i> , 2018, 12, 104.	0.8	17
27	Immunotherapy in the Asiatic population: any differences from Caucasian population?. <i>Journal of Thoracic Disease</i> , 2018, 10, S1482-S1493.	1.4	42
29	Previous Radiotherapy Increases the Efficacy of IL-2 in Malignant Pleural Effusion: Potential Evidence of a Radio-Memory Effect?. <i>Frontiers in Immunology</i> , 2018, 9, 2916.	4.8	6
30	Does the Immunocompetent Status of Cancer Patients Have an Impact on Therapeutic DC Vaccination Strategies?. <i>Vaccines</i> , 2018, 6, 79.	4.4	7
31	Immunotherapy, Radiotherapy, and Hyperthermia: A Combined Therapeutic Approach in Pancreatic Cancer Treatment. <i>Cancers</i> , 2018, 10, 469.	3.7	36
32	Update Breast Cancer 2018 (Part 3) – Genomics, Individualized Medicine and Immune Therapies – in the Middle of a New Era: Prevention and Treatment Strategies for Early Breast Cancer. <i>Geburtshilfe Und Frauenheilkunde</i> , 2018, 78, 1110-1118.	1.8	8
33	Emerging Opportunities of Radiotherapy Combined With Immunotherapy in the Era of Breast Cancer Heterogeneity. <i>Frontiers in Oncology</i> , 2018, 8, 609.	2.8	17
34	Molecular imaging to enlighten cancer immunotherapies and underlying involved processes. <i>Cancer Treatment Reviews</i> , 2018, 70, 232-244.	7.7	36
35	Estimation of the risk for radiation-induced liver disease following photon- or proton-beam radiosurgery of liver metastases. <i>Radiation Oncology</i> , 2018, 13, 206.	2.7	7
36	Anti-PD-1/PD-L1 Therapy for Non-Small-Cell Lung Cancer: Toward Personalized Medicine and Combination Strategies. <i>Journal of Immunology Research</i> , 2018, 2018, 1-17.	2.2	147
37	Reactive Oxygen Species-Mediated Tumor Microenvironment Transformation: The Mechanism of Radioresistant Gastric Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-8.	4.0	55

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38	Comparison of microdosimetry-based absorbed doses to control tumours and clinically obtained tumour absorbed doses in treatments with <sup>223</sup> Ra. <i>Physics in Medicine and Biology</i> , 2018, 63, 145005.	3.0	4
39	Toward Biomaterials for Enhancing Immune Checkpoint Blockade Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1802540.	14.9	92
40	Priming the Abscopal Effect Using Multifunctional Smart Radiotherapy Biomaterials Loaded with Immunoadjuvants. <i>Frontiers in Oncology</i> , 2018, 8, 56.	2.8	34
41	Nucleic Acid Sensing Machinery: Targeting Innate Immune System for Cancer Therapy. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2018, 13, 2-17.	1.6	24
42	Abscopal effect of radiotherapy combined with immune checkpoint inhibitors. <i>Journal of Hematology and Oncology</i> , 2018, 11, 104.	17.0	303
43	Interventional therapy combined with immune checkpoint inhibitors: Emerging opportunities for cancer treatment in the era of immunotherapy. <i>Cancer Treatment Reviews</i> , 2019, 74, 49-60.	7.7	38
44	Optimizing radiotherapy with immune checkpoint blockade in hepatocellular carcinoma. <i>World Journal of Gastroenterology</i> , 2019, 25, 2416-2429.	3.3	66
45	Radio-selective effects of a natural occurring muscle-derived dipeptide in A549 and normal cell lines. <i>Scientific Reports</i> , 2019, 9, 11513.	3.3	3
47	Immunotherapy in Ovarian Cancer: Are We There Yet?. <i>Journal of Clinical Oncology</i> , 2019, 37, 2460-2471.	1.6	73
48	Oncolytic herpes simplex virus immunotherapy for brain tumors: current pitfalls and emerging strategies to overcome therapeutic resistance. <i>Oncogene</i> , 2019, 38, 6159-6171.	5.9	45
49	Treatment of a first patient with FLASH-radiotherapy. <i>Radiotherapy and Oncology</i> , 2019, 139, 18-22.	0.6	406
50	Colorectal cancer, radiotherapy and gut microbiota. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2019, 31, 212-222.	2.2	20
51	Rational combinations of immunotherapy with radiotherapy in ovarian cancer. <i>Lancet Oncology</i> , The, 2019, 20, e417-e433.	10.7	89
52	Tumor Microenvironment as A “Game Changer” in Cancer Radiotherapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3212.	4.1	286
53	The CD73/Ado System “A New Player in RT Induced Adverse Late Effects. <i>Cancers</i> , 2019, 11, 1578.	3.7	16
54	Implementation of the Chick Chorioallantoic Membrane (CAM) Model in Radiation Biology and Experimental Radiation Oncology Research. <i>Cancers</i> , 2019, 11, 1499.	3.7	31
55	Bioactive Polysaccharide Nanoparticles Improve Radiation-Induced Abscopal Effect through Manipulation of Dendritic Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 42661-42670.	8.0	33
56	A Model of Indirect Cell Death Caused by Tumor Vascular Damage after High-Dose Radiotherapy. <i>Cancer Research</i> , 2019, 79, 6044-6053.	0.9	10

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57	Immune checkpoint inhibitors in esophageal squamous cell carcinoma: progress and opportunities. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 6023-6032.	2.0	25
58	The potential combinational immunotherapies for treatment of hepatocellular carcinoma. <i>Journal of Interventional Medicine</i> , 2019, 2, 47-51.	0.5	3
59	Novel stereotactic body radiation therapy (SBRT)-based partial tumor irradiation targeting hypoxic segment of bulky tumors (SBRT-PATHY): improvement of the radiotherapy outcome by exploiting the bystander and abscopal effects. <i>Radiation Oncology</i> , 2019, 14, 21.	2.7	67
60	Randomized Phase 1 Trial of Pembrolizumab with Sequential Versus Concomitant Stereotactic Body Radiotherapy in Metastatic Urothelial Carcinoma. <i>European Urology</i> , 2019, 75, 707-711.	1.9	89
61	Current status of immune checkpoint inhibition in early-stage NSCLC. <i>Annals of Oncology</i> , 2019, 30, 1244-1253.	1.2	98
63	X-ray-activated nanosystems for theranostic applications. <i>Chemical Society Reviews</i> , 2019, 48, 3073-3101.	38.1	231
64	Phase 2 Trial of Nivolumab Combined With Stereotactic Body Radiation Therapy in Patients With Metastatic or Locally Advanced Inoperable Melanoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 828-835.	0.8	46
65	Peripheral memory and naïve T cells in non-small cell lung cancer patients with lung metastases undergoing stereotactic body radiotherapy: predictors of early tumor response. <i>Cancer Cell International</i> , 2019, 19, 121.	4.1	17
66	Immunotherapy and the Interventional Oncologist: Challenges and Opportunities—A Society of Interventional Oncology White Paper. <i>Radiology</i> , 2019, 292, 25-34.	7.3	57
67	Cascade—amplification of therapeutic efficacy: An emerging opportunity in cancer treatment. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019, 11, e1555.	6.1	4
68	Biological Benefits of Ultra-high Dose Rate FLASH Radiotherapy: Sleeping Beauty Awoken. <i>Clinical Oncology</i> , 2019, 31, 407-415.	1.4	324
69	Deep Response to Anti-PD-1 Therapy of Metastatic Neurofibromatosis Type 1-Associated Malignant Peripheral Nerve Sheath Tumor With <i>CD274/PD-L1</i> Amplification. <i>JCO Precision Oncology</i> , 2019, 3, 1-6.	3.0	10
70	Targeting the Immunomodulatory CD73/Adenosine System to Improve the Therapeutic Gain of Radiotherapy. <i>Frontiers in Immunology</i> , 2019, 10, 698.	4.8	64
71	The Role of Radiation Oncology in Immuno-Oncology. <i>Oncologist</i> , 2019, 24, S42-S52.	3.7	23
72	Chemoradiotherapy-Induced CD4+ and CD8+ T-Cell Alterations to Predict Patient Outcomes in Esophageal Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2019, 9, 73.	2.8	17
73	Radiotherapy for Melanoma: More than DNA Damage. <i>Dermatology Research and Practice</i> , 2019, 2019, 1-9.	0.8	18
74	Increased CD8+CD28+ T cells independently predict better early response to stereotactic ablative radiotherapy in patients with lung metastases from non-small cell lung cancer. <i>Journal of Translational Medicine</i> , 2019, 17, 120.	4.4	22
75	Reactive Oxygen Species (ROS)-Based Nanomedicine. <i>Chemical Reviews</i> , 2019, 119, 4881-4985.	47.7	1,519

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76	Immunotherapy-based combination strategies for treatment of gastrointestinal cancers: current status and future prospects. <i>Frontiers of Medicine</i> , 2019, 13, 12-23.	3.4	14
77	Combination of stereotactic radiotherapy and targeted therapy: patterns-of-care survey in German-speaking countries. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 199-206.	2.0	19
78	Challenges and potential of PD-1/PD-L1 checkpoint blockade immunotherapy for glioblastoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 87.	8.6	213
79	Abscopal effect of high-dose-rate brachytherapy on pelvic bone metastases from renal cell carcinoma: a case report. <i>Journal of Contemporary Brachytherapy</i> , 2019, 11, 458-461.	0.9	8
80	Lymphopenia Is Associated with Gross Target Volumes and Fractions in Hepatocellular Carcinoma Patients Treated with External Beam Radiation Therapy and Also Indicates Worse Overall Survival. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2019, 2019, 1-12.	1.9	9
81	Combining Radiotherapy and Immunotherapy in Lung Cancer: Can We Expect Limitations Due to Altered Normal Tissue Toxicity?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 24.	4.1	100
82	Combining Radiotherapy With Anti-angiogenic Therapy and Immunotherapy; A Therapeutic Triad for Cancer?. <i>Frontiers in Immunology</i> , 2018, 9, 3107.	4.8	76
83	50-Cy Stereotactic Body Radiation Therapy to the Dominant Intraprostatic Nodule: Results From a Phase 1a/b Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 320-334.	0.8	28
84	Position of a panel of international lung cancer experts on the approval decision for use of durvalumab in stage III non-small-cell lung cancer (NSCLC) by the Committee for Medicinal Products for Human Use (CHMP). <i>Annals of Oncology</i> , 2019, 30, 161-165.	1.2	60
85	Intracellular RNA Sensing in Mammalian Cells: Role in Stress Response and Cancer Therapies. <i>International Review of Cell and Molecular Biology</i> , 2019, 344, 31-89.	3.2	30
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87	Harnessing radiation to improve immunotherapy: better with particles?. <i>British Journal of Radiology</i> , 2020, 93, 20190224.	2.2	53
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89	Enhancing the Bystander and Abscopal Effects to Improve Radiotherapy Outcomes. <i>Frontiers in Oncology</i> , 2020, 9, 1381.	2.8	17
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92	Evaluation of the prognostic value of derived neutrophil/lymphocyte ratio in early stage non-small cell lung cancer patients treated with stereotactic ablative radiotherapy. <i>Medicine (United States)</i> , 2020, 99, e22603.	1.0	3
93	Immunotherapy for Ovarian Cancer: Adjuvant, Combination, and Neoadjuvant. <i>Frontiers in Immunology</i> , 2020, 11, 577869.	4.8	147

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94	Radiotherapy-Mediated Immunomodulation and Anti-Tumor Abscopal Effect Combining Immune Checkpoint Blockade. <i>Cancers</i> , 2020, 12, 2762.	3.7	41
95	High versus low dose irradiation for tumor immune reprogramming. <i>Current Opinion in Biotechnology</i> , 2020, 65, 268-283.	6.6	13
96	Design and Rationale for First-in-Human Phase 1 Immunovirotherapy Clinical Trial of Oncolytic HSV G207 to Treat Malignant Pediatric Cerebellar Brain Tumors. <i>Human Gene Therapy</i> , 2020, 31, 1132-1139.	2.7	24
97	&lt;p&gt;HMGB1 in Radiotherapy: A Two Headed Signal Regulating Tumor Radiosensitivity and Immunity&lt;/p&gt;. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 6859-6871.	2.0	23
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100	Brachytherapy in a Single Dose of 10Gy as an "in situ" Vaccination. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4585.	4.1	8
101	Towards a cancer mission in Horizon Europe: recommendations. <i>Molecular Oncology</i> , 2020, 14, 1589-1615.	4.6	33
102	Avelumab"cetuximab"radiotherapy versus standards of care in locally advanced squamous-cell carcinoma of the head and neck: The safety phase of a randomised phase III trial GORTEC 2017-01 (REACH). <i>European Journal of Cancer</i> , 2020, 141, 21-29.	2.8	48
103	Carbon Ion Radiobiology. <i>Cancers</i> , 2020, 12, 3022.	3.7	104
104	Preparedness of the cancer hospitals and changes in oncosurgical practices during COVID"19 pandemic in India: A cross"sectional study. <i>Journal of Surgical Oncology</i> , 2020, 122, 1276-1287.	1.7	8
105	Anti-PD-1 Immunotherapy Combined With Stereotactic Body Radiation Therapy and GM-CSF as Salvage Therapy in a PD-L1-Negative Patient With Refractory Metastatic Esophageal Squamous Cell Carcinoma: A Case Report and Literature Review. <i>Frontiers in Oncology</i> , 2020, 10, 1625.	2.8	12
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107	Palladium(II)" <sup>3</sup> "Allyl Complexes Bearing "N"Trifluoromethyl "N"i"Heterocyclic Carbenes: A New Generation of Anticancer Agents that Restrain the Growth of High"Grade Serous Ovarian Cancer Tumoroids. <i>Chemistry - A European Journal</i> , 2020, 26, 11868-11876.	3.3	62
108	Nanomaterials for Combinational Radio"Immuno Oncotherapy. <i>Advanced Functional Materials</i> , 2020, 30, 1910676.	14.9	45
109	Effect of Low-Dose Radiation Therapy on Abscopal Responses to Hypofractionated Radiation Therapy and Anti-PD1 in Mice and Patients With Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 212-224.	0.8	72
110	Immune Therapy Opportunities in Ovarian Cancer. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2020, 40, e228-e240.	3.8	25
111	Irradiated tumor cell"derived microparticles mediate tumor eradication via cell killing and immune reprogramming. <i>Science Advances</i> , 2020, 6, eaay9789.	10.3	139



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112	<p>Targeting IFN/STAT1 Pathway as a Promising Strategy to Overcome Radioresistance</p>. OncoTargets and Therapy, 2020, Volume 13, 6037-6050.	2.0	23
113	Radiation-induced bystander and abscopal effects: important lessons from preclinical models. British Journal of Cancer, 2020, 123, 339-348.	6.4	71
114	Combination treatment with radiotherapy and a novel oxidative phosphorylation inhibitor overcomes PD-1 resistance and enhances antitumor immunity. , 2020, 8, e000289.		51
115	Absolute Lymphocyte Count Predicts Abscopal Responses and Outcomes in Patients Receiving Combined Immunotherapy and Radiation Therapy: Analysis of 3 Phase 1/2 Trials. International Journal of Radiation Oncology Biology Physics, 2020, 108, 196-203.	0.8	77
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123	Combination therapy: Future directions of immunotherapy in small cell lung cancer. Translational Oncology, 2021, 14, 100889.	3.7	35
124	Clinical outcomes of immune checkpoint blockades and the underlying immune escape mechanisms in squamous and adenocarcinoma NSCLC. Cancer Medicine, 2021, 10, 3-14.	2.8	28
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126	Radiation-induced abscopal reproductive effect is driven by TNF- $\alpha$ /p38 MAPK/Rac1 axis in Sertoli cells. Theranostics, 2021, 11, 5742-5758.	10.0	10
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131	Advances in radiotherapy and comprehensive treatment of high-grade glioma: immunotherapy and tumor-treating fields. Journal of Cancer, 2021, 12, 1094-1104.	2.5	12
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149	Is There a Benefit of Combining Immunotherapy and Radiotherapy in Bladder Cancer?. Clinical Oncology, 2021, 33, 407-414.	1.4	6
150	Circulating tumor cells counts are associated with CD8+ T cell levels in programmed death-ligand 1-negative non-small cell lung cancer patients after radiotherapy. Medicine (United States), 2021, 100, e26674.	1.0	4
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