

Supplemental Material to:

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Trial watch
Anticancer radioimmunotherapy

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Supplementary Table 1. Ongoing clinical trials testing anticancer radioimmunotherapy in cancer patients*

Approach	Cancer type	Status	Phase	RT	Single arm	RT vs No RT	RT1 vs RT2	RT in both arms	Notes	Ref
	CRC	Recruiting	II	EBRT				X	Combined with DC-CIK cells	NCT01839539
	Gastroesophageal	Recruiting	n.a.	3D-CRT IMRT				X	Alone or combined with DC-CIK cells	NCT01691664
ACT	HNC	Not yet recruiting	II	EBRT				X	Combined with DC-CIK cells	NCT01821495
	Sarcoma	Not yet recruiting	n.a.	IMRT	X				Combined with chemotherapy, as post-HSCT maintenance	NCT01795430
	CNS Neuroectodermal	Not yet recruiting	n.a.	SIRT	X				¹³¹ I-MIBG combined with G-CSF and potassium iodide	NCT01850888
Cytokines	Neuroectodermai	Recruiting	III	EBRT				X	Combined with IFN α -2b and temozolomide	NCT01765088
	Melanoma	Recruiting	II	SBRT		X			Combined with IL-2	NCT01416831
	CNS Neuroectodermal	Recruiting	II	EBRT				X	Combined with surgery and temozolomide ± DCs pulsed with tumor cell lysates	NCT01567202
		Not yet recruiting	II	EBRT		X			Combined with sipuleucel-T	NCT01807065
DC-based	Prostate	Not yet recruiting	II	SBRT	X				Combined with sipuleucel-T	NCT01818986
		Not yet recruiting	n.a.	EBRT	X				As single-fraction radiation therapy combined with sipuleucel-T	NCT01833208
	Sarcoma	Recruiting	II	EBRT			X	X	Alone or combined with intratumoral autologous DCs vaccine	NCT01347034
ICDi	Breast	Recruiting	III	EBRT				X	Combined with TAC or TCX	NCT01354522

	Breast	Recruiting	n.a.	EBRT	X				Combined with aspirin, cyclophosphamide and methotrexate	NCT01612247
		Not yet recruiting	II	EBRT	X				Combined with 5-FU as preoperative intervention, followed by FOLFOX	NCT01749956
		Recruiting	I/II	EBRT	X				Combined with capecitabine or 5-FU, hyperthermia and oxaliplatin	NCT01716949
		Recruiting	II	3D-CRT IMRT			X	X	Combined with FOLFOXIRI	NCT01333709
		Recruiting	II	EBRT	X				Combined with FOLFOX	NCT01269229
		Recruiting	II	EBRT				X	Combined with CAPOX	NCT01643070
	CRC	Recruiting	II	ERBT	X				Combined with FOLFOX	NCT01659424
		Recruiting	II	ERBT				X	Combined with FOLFOX	NCT01274962
		Recruiting	II/III	3D-CRT IMRT		X			Upon neoadjuvant FOLFOX, combined with chemotherapy	NCT01515787
ICDi		Recruiting	III	EBRT		X			Followed by CAPOX + surgery	NCT01558921
		Recruiting	III	EBRT				X	Combined with capecitabine ± oxaliplatin	NCT01653301
		Recruiting	III	EBRT				X	Combined with capecitabine and FOLFOX or FOLFOXIRI	NCT01804790
		Active not recruiting	I	EBRT	X				Combined with erlotinib, 5-FU and oxaliplatin as neoadjuvant regimen, followed by surgery and consolidation chemotherapy	NCT01561014
		Not yet recruiting	II	EBRT	X				Combined with 5-FU, lapatinib and oxaliplatin	NCT01769508
	Gastroesophageal	Not yet recruiting	II	EBRT				X	Combined with CAPOX \pm carboplatin and paclitaxel	NCT01843829
		Recruiting	II	3D-CRT IMRT				X	Combined with FOLFOX or carboplatin + paclitaxel	NCT01333033
		Recruiting	II	EBRT		X			Combined with platin-based chemotherapy	NCT01362127
		Recruiting	II	EBRT				X	As single agent or combined with oxaliplatin and raltiterxed	NCT01732380

		Recruiting	II/III	EBRT		X			Combined with 5-FU, docetaxel and oxaliplatin	NCT01522015
		Recruiting	11/111	EDKI		Λ				NC101323013
	Gastroesophageal	Recruiting	III	EBRT		X			Combined with CAPOX as preoperative intervention	NCT01815853
		Recruiting	III	EBRT		X			Combined with CAPOX	NCT01711242
		Recruiting	III	EBRT		X			Combined with oxaliplatin and S-1	NCT01761461
		Not yet recruiting	III	EBRT				X	Combined with ABVD or BEACOPP	NCT01652261
		Recruiting	II	EBRT IFRT	X				Combined with ABVD-BEACOPP	NCT01468740
		Recruiting	II	EBRT IFRT	X				Combined with MBVD	NCT01523847
	Hamatala sisal	Recruiting	II	INRT	X				Combined with ABVD-BEACOPP	NCT01390584
	Hematological	Recruiting	III	EBRT				X	Combined with ABVE-PC	NCT01858922
ICDi		Recruiting	III	EBRT				X	Combined with cyclophosphamide-based chemotherapy ± hydrocortisone sodium succinate and vincristine	NCT01406756
		Recruiting	III	IFRT INRT		X	X		Combined with ABVD-BEACOPP	NCT01356680
		Recruiting	n.a.	n.s.	X				Combined with ABVD and brentuximab	NCT01578967
		Not yet recruiting	II	PBRT	X				Combined with FOLFOXIRI and losartan	NCT01821729
		Recruiting	II	EBRT	X				Combined with FOLFOXIRI and capecitabine	NCT01397019
		Recruiting	II	EBRT	X				Combined with FOLFOXIRI and gemcitabine-based chemotherapy	NCT01560949
	Pancreatic	Recruiting	II	EBRT				X	Following FOLFOXIRI	NCT01726582
		Recruiting	II	IMRT	X				Combined with FOLFOXIRI and gemcitabine	NCT01661088
		Recruiting	II	PBRT	X				Combined with capecitabine and FOLFOXIRI	NCT01591733
		Recruiting	II	PBRT	X				Combined with CAPOX + erlotinib and gemcitabine	NCT01683422

		Recruiting	II	SIRT	X			As ⁹⁰ Y-based RE, combined with FOLFOX	NCT01581307
		Recruiting	III	EBRT		X		Combined with FOLFOXIRI and gemcitabine as induction therapy	NCT01827553
	Pancreatic	Recruiting	III	EBRT			X	Combined with FOLFOXIRI, 5-FU and gemcitabine	NCT01836432
		Recruiting	n.a.	EBRT	X			Combined with gemcitabine and FOLFOXIRI	NCT01821612
		Recruiting	n.a.	IORT			X	Combined with FOLFOXIRI	NCT01760694
		Recruiting	n.a.	SBRT			X	Combined with FOLFOXIRI ± cyclophosphamide	NCT01595321
ICDi		Recruiting	II	EBRT	X			Combined with cyclophosphamide- containing chemotherapy	NCT01696669
	Sarcoma	Recruiting	II	EBRT			X	Combined with cyclophosphamide- containing chemotherapy	NCT01864109
		Recruiting	n.a.	EBRT			X	Combined with doxorubicin nd ifosfamide ± pazopanib	NCT01446809
		Active not recruiting	IV	SIRT		X		As ⁹⁰ Y-based RE	NCT01798160
		Recruiting	II	SIRT		X		As ⁹⁰ Y-based RE	NCT01381211
	Other	Recruiting	IV	SIRT		X		As ⁹⁰ Y-based RE	NCT01798147
		Recruiting	n.a.	EBRT			X	Combined with cyclophosphamide, dactinomycin and vincristine ± doxorubicin and ifosfamide	NCT01464606
		Recruiting	0	SIRT	X			¹¹¹ In-conjugated anti-ERBB2 mAb	NCT01445054
	Breast	Recruiting	III	EBRT			X	Combined with trastuzumab	NCT01772472
mAb		Recruiting	n.a.	EBRT			X	Combined with fresolimumab	NCT01401062
ША	GD 1G	Recruiting	I	HSRS	X			Combined with bevacizumab	NCT01392209
	CNS Neuroectodermal	Recruiting	I	WBRT	X			Combined with bevacizumab	NCT01332929
		Recruiting	I/II	EBRT	X			Combined with minocycline and bevacizumab	NCT01580969

		Recruiting	II	3D-CRT IMRT PBRT		X		Combined with bevacizumab	NCT01730950
		Recruiting	II	EBRT	X			Combined with temozolomide and bevacizumab	NCT01740258
		Recruiting	II	EBRT			X	Combined with bevacizumab	NCT01443676
	CNS Neuroectodermal	Recruiting	II	EBRT			X	Combined with temozolomide and bevacizumab	NCT01390948
		Recruiting	II	HSRS	X			Combined with temozolomide and bevacizumab	NCT01478321
		Recruiting	III	EBRT		X		Combined with bevacizumab	NCT01860638
		Recruiting	II	PRDR			X	Combined with bevacizumab	NCT01743950
		Unknown	0	EBRT	X			Combined with bevacizumab	NCT01331616
		Recruiting	I	EBRT	X			Combined with capecitabine and bavituximab	NCT01634685
mAb		Recruiting	I	EBRT	X			Combined with 5-FU, mitomycin and cetuximab	NCT01621217
		Recruiting	I/II	EBRT	X			Combined with 5-FU, mitomycin and panitumumab	NCT01581840
	CRC	Recruiting	II	EBRT	X			Combined with 5-FU, mitomycin and panitumumab	NCT01285778
		Recruiting	II	EBRT IMRT IGRT	X			Combined with capecitabine and bevacizumab	NCT01759238
		Recruiting	II	IMRT	X			Combined with capecitabine, mitomycin and panitumumab	NCT01843452
		Recruiting	II	SBRT	X			Combined with bevacizumab	NCT01569984
		Active not recruiting	II	IMRT	X			Combined with nimotuzumab	NCT01463605
	Gastroesophageal	Active not recruiting	II/III	EBRT			X	Combined with 5-FU, cisplatin and nimotuzumab	NCT01249352
		Recruiting	II	EBRT			X	Combined with 5-FU and eisplatin \pm cetuximab	NCT01787006

Recruiting I SIRT X SY-conjugated anti-CD45 mAb followed by allo-PBSCT, cyclosporine and MMf NCT01300572		Gastroesophageal	Recruiting	II/III	EBRT			X	Combined with nimotuzumab	NCT01402180
Recruiting II EBRT X Combined with pillimmab NCT01769222						X			⁹⁰ Y-conjugated anti-CD45 mAb followed by	
Recruiting II EBRT X Combined with standard chemotherapy + rituximab NCT01399372			Recruiting	I	SIRT	X			⁹⁰ Y-conjugated anti-CD45 mAb followed by allo-PBSCT, cyclosporine and MMf	NCT01503242
Hematological Recruiting II EBRT X Chemotherapy + rituximab NCT013993/2 Recruiting II SIRT X BRT combined with allo-HSCT, ATG, cyclosporine, MMf and rituximab vCT01478545 L Recruiting II SIRT X SIRT X Combined with belinostat and rituximab NCT0148405 Recruiting II SIRT X SIRT X SIRT-conjugated anti-CD20 mAb combined with methotrexate NCT01389076 Recruiting II SIRT X SIRT X SIRT-conjugated anti-CD20 mAb combined with methotrexate NCT01389076 Recruiting II SIRT X SIRT-conjugated anti-CD20 mAb NCT01497275 Recruiting II SIRT X SIRT-conjugated anti-CD20 mAb NCT01497275 Recruiting III SIRT X SIRT-conjugated anti-CD20 mAb NCT01497275 X Sombined with velcade and rituximab NCT01478542 Recruiting III BRT X Combined with vincristine and rituximab NCT01478628 Active not recruiting II IMRT X Combined with cetuximab NCT01478628 HNC Sombined with bortezomib and cetuximab ± cisplatin NCT01445405 NOT yet III EBRT X Combined with nimotuzumab NCT01345084			Recruiting	I/II	EBRT	X			Combined with ipilimumab	NCT01769222
Hematological Recruiting II SIRT X SIRT combined with allo-HSCT, ATG, eyclosporine, MMf and rituximab NCT01881368			Recruiting	II	EBRT		X			NCT01399372
Recruiting II SIRT X Combined with belinostat and rituximab NCT01686165 Recruiting II SIRT X Combined with belinostat and rituximab NCT01389076 Recruiting II SIRT X Combined with methotrexate NCT01389076 Recruiting II SIRT X Combined with velcade and rituximab NCT01497275 Recruiting III SIRT X Poly-conjugated anti-CD20 mAb combined with velcade and rituximab NCT01434472 Recruiting III EBRT X Combined with vincristine and rituximab NCT01478542 Recruiting II IMRT X As single agent or combined with rituximab NCT01473628 Active not recruiting II IMRT X Combined with cetuximab or cisplatin + docetaxel NCT01614938 Completed I EBRT X Combined with bortezomib and cetuximab ± cisplatin NCT01445405 Not yet III EBRT X Combined with nimotuzumab NCT01345084			Recruiting	II		X			EBRT combined with allo-HSCT, ATG,	NCT01811368
mAb Recruiting II SIRT X SIRT X Combined with methotrexate NCT01389076		Hematological	Recruiting	II	SIRT	X			¹³¹ I-conjugated anti-CD20 mAb combined with belinostat and rituximab	NCT01686165
Recruiting II SIRT X combined with velcade and rituximab NCT01434472 Recruiting III SIRT X 90Y-conjugated anti-CD20 mAbs NCT01434472 Recruiting III EBRT X Combined with vincristine and rituximab NCT01478542 Recruiting n.a. EBRT X As single agent or combined with rituximab NCT01473628 Active not recruiting II IMRT X Combined with cetuximab or cisplatin + docetaxel NCT01614938 Completed I EBRT X Combined with bortezomib and cetuximab ± cisplatin NCT01445405 Not yet III EBRT X Combined with nimotuzumab NCT01345084			Recruiting	II	SIRT	X				NCT01389076
Recruiting III EBRT IFRT X Combined with vincristine and rituximab NCT01478542 Recruiting n.a. EBRT X As single agent or combined with rituximab NCT01473628 Active not recruiting II IMRT X Combined with cetuximab or cisplatin + docetaxel NCT01614938 Completed I EBRT X Combined with bortezomib and cetuximab ± cisplatin NCT01445405 Not yet III EBRT X Combined with nimotuzumab NCT01345084	mAb		Recruiting	II	SIRT	X				NCT01497275
Recruiting III IFRT X Combined with vincristine and rituximab NCT01478542 Recruiting n.a. EBRT X As single agent or combined with rituximab NCT01473628 Active not recruiting II IMRT X Combined with cetuximab or cisplatin + docetaxel NCT01614938 Completed I EBRT X Combined with bortezomib and cetuximab ± cisplatin NCT01445405 Not yet III EBRT X Combined with nimotuzumab NCT01345084			Recruiting	II	SIRT	X			⁹⁰ Y-conjugated anti-CD20 mAbs	NCT01434472
Active not recruiting II IMRT X Combined with cetuximab or cisplatin + docetaxel NCT01614938 Completed I EBRT X Combined with bortezomib and cetuximab ± cisplatin NCT01445405 Not yet recruiting II EBRT X Combined with nimotuzumab NCT01345084			Recruiting	III				X	Combined with vincristine and rituximab	NCT01478542
recruiting II IMRT X or cisplatin + docetaxel NCT01614938 Completed I EBRT X Combined with bortezomib and cetuximab ± cisplatin NCT01445405 HNC Not yet recruiting II EBRT X Combined with nimotuzumab NCT01345084			Recruiting	n.a.	EBRT			X	As single agent or combined with rituximab	NCT01473628
HNC Completed I EBRT X and cetuximab ± cisplatin NCT01445405 Not yet recruiting II EBRT X Combined with nimotuzumab NCT01345084 Not yet III EBRT Y Combined with eight or cetuvimeb NCT01855451				II	IMRT			X		NCT01614938
HNC recruiting II EBRT X Combined with nimotuzumab NCT01345084 Not yet III EBRT Y Combined with aignletin or cetuvimeb NCT01855451			Completed	Ι	EBRT	X				NCT01445405
		HNC	•	II	EBRT			X	Combined with nimotuzumab	NCT01345084
130711111115			Not yet recruiting	III	EBRT			X	Combined with cisplatin or cetuximab	NCT01855451
Recruiting I EBRT X Combined with MLN8237 and cetuximab NCT01540682			Recruiting	I	EBRT	X			Combined with MLN8237 and cetuximab	NCT01540682
Recruiting I EBRT X Combined with olaparib and cetuximab NCT01758731			Recruiting	I	EBRT	X			Combined with olaparib and cetuximab	NCT01758731

Recruiting I IMRT X Combined with cetuximab and ipilimumab Recruiting I/II EBRT X Combined with cisplatin and cetuximab	NCT010(0420
Populiting I/II EDDT V Combined with signalstin and activities	NCT01860430
Rectuting 1/11 EBK1 A Combined with displatin and cetuximab	NCT01760811
Recruiting I/II EBRT X Combined with EGFR-targeting antisense DNA and cetuximab	NCT01592721
Recruiting I/II IMRT X Combined with cetuximab	NCT01712919
Recruiting II 3D-CRT X Combined with cisplatin or cetuximab	NCT01472653
Recruiting II EBRT X Upon TPE-A, in combination with cisplatin, cetuximab and bevacizumab	NCT01588431
Recruiting II EBRT X Combined with carboplatin, cisplatin and cetuximab	NCT01326923
Recruiting II EBRT X Combined with docetaxel and cetuximab	NCT01794845
Recruiting II EBRT X Combined with cisplatin, docetaxel and cetuximab	NCT01440270
Recruiting II EBRT X Combined with cisplatin and cetuximab	NCT01435252
mAb HNC Recruiting II EBRT X Combined with cisplatin or cetuximab	NCT01504815
Recruiting II IMRT X Combined with cetuximab	NCT01271439
Recruiting II IMRT X Combined with cisplatin and cetuximab upon ACF induction therapy	NCT01566435
Recruiting II IMRT X Combined with 5-FU, cisplatin, docetaxel and cetuximab	NCT01326559
Recruiting II IMRT X Combined with cisplatin, docetaxel and nimotuzumab	NCT01516996
Recruiting II/III EBRT X Combined with cisplatin, docetaxel and cetuximab	NCT01434394
Recruiting II/III IMRT X Combined with cetuximab and cisplatin and/or docetaxel	NCT01810913
Recruiting III EBRT X Combined with carboplatin ± cetuximab	NCT01706939
Recruiting III EBRT X Combined with cisplatin ± nimotuzumab	NCT00957086
Recruiting III IMRT X Combined with cetuximab	NCT01311063

		Recruiting	III	IMRT			X	Combined with cisplatin or cetuximab	NCT01302834
		Recruiting	IV	3D-CRT IMRT		X		Combined with cetuximab	NCT01553032
	HNC	Recruiting	n.a.	EBRT	X			Combined with cetuximab	NCT01663259
		Recruiting	n.a.	EBRT			X	Combined with cisplatin or cetuximab	NCT01790516
		Unknown	II	EBRT			X	Combined with cisplatin ± cetuximab	NCT01301248
		Active not recruiting	I	EBRT	X			Combined with ipilimumab	NCT01557114
		Recruiting	0	SIRT	X			Combined with ipilimumab	NCT01730157
mAb	Melanoma	Recruiting	Ι	SRS WBRT		X		Combined with ipilimumab	NCT01703507
	111011111	Recruiting	I/II	SBRT	X			Combined with ipilimumab	NCT01497808
		Recruiting	II	EBRT		X		Combined with ipilimumab	NCT01689974
		Recruiting	II	SART	X			Combined with ipilimumab	NCT01565837
		Recruiting	n.a.	EBRT	X			Combined with ipilimumab	NCT01449279
	Pancreatic	Active not recruiting	I	3D-CRT			X	Combined with capecitabine, ganitumab and gemcitabine	NCT01298401
	Other	Recruiting	I	Brachytherapy EBRT	X			Combined with cisplatin and ipilimumab	NCT01711515
		Recruiting	II	EBRT	X			Combined with panitumumab	NCT01634880
OV	HNC	Recruiting	I	EBRT	X			Combined with cisplatin and vaccinia virus	NCT01584284
	Breast	Recruiting	I/II	EBRT	X			Combined with imiquimod	NCT01421017
	CRC	Recruiting	II	SBRT	X			Combined with IMM-101	NCT01539824
TLRAs	Hematological	Recruiting	I	EBRT	X			Combined with SD-101	NCT01745354
	HNC	Not yet recruiting	I	IMRT	X			Combined with cisplatin and entolimod	NCT01728480
Vaccine	CNS Neuroectodermal	Active not recruiting	I	EBRT	X			Combined with multipeptide vaccine	NCT01222221

		Recruiting	II	EBRT	X			Combined with cyclophosphamide, doxorubicin, paclitaxel and trastuzumab	NCT01750073
	Breast	Recruiting	II	EBRT	X			Combined with cyclophosphamide, doxorubicin, paclitaxel, pertuzumab and trastuzumab	NCT01796197
		Recruiting	n.a.	EBRT			X	Combined with docetaxel and epirubicin ± cyclophosphamide, hormonotherapy and trastuzumab	NCT01503905
		Not yet recruiting	II	EBRT	X			As consolidation therapy upon PBSCT	NCT01857934
	CNS Neuroectodermal	Not yet recruiting	II/III	IGRT	X			Combined with busulfan and melphalan, as consolidation therapy upon auto-HSCT	NCT01798004
		Recruiting	n.a.	EBRT	X			Combined with auto-PBSCT, carboplatin, etoposide, G-CSF, isotretinoin and melphalan	NCT01526603
Cambinatarial		Active not recruiting	II	EBRT	X			Combined with bevacizumab, capecitabine and oxaliplatin	NCT01434147
Combinatorial		Active not recruiting	II	EBRT	X			Combined with bevacizumab, FOLFOX and raltitrexed	NCT01481545
		Active not recruiting	II	SIRT	X			⁹⁰ Y-conjugated anti-CEA mAb combined with FOLFIRI or FOLFOX ± bevacizumab	NCT01320683
		Recruiting	I	IMRT	X			Combined with bevacizumab and FOLFOX	NCT01395667
	CRC	Recruiting	II	EBRT	X			Combined with 5-FU, bevacizumab and oxaliplatin	NCT01554059
		Recruiting	II	IMRT	X			Combined with bevacizumab and CAPOX	NCT01818973
		Recruiting	III	SIRT		X		Combined with FOLFOX	NCT01721954
		Recruiting	n.a.	SBRT		X		Combined with CAPOX or FOLFOX + bevacizumab	NCT01792934
		Recruiting	II	EBRT			X	Combined with 5-FU, capecitabine, cyclophosphamide and peptide vaccine	NCT01507103
	Gastroesophageal	Recruiting	I	EBRT	X			Combined with carboplatin, CAPOX, cetuximab, everolimus and paclitaxel	NCT01490749
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		Recruiting	II	EBRT	X			Combined with capecitabine, oxaliplatin and trastuzumab	NCT01748773
	Gastroesophageal	Recruiting	II	EBRT	X			Combined with FOLFOX and panitumumab	NCT01307956
		Recruiting	n.a.	3D-CRT IMRT			X	Combined with cisplatin and paclitaxel ± DC-CIK cells	NCT01691625
		Recruiting	I	SIRT	X			⁹⁰ Y-conjugated anti-CD45 mAb followed by auto-PBSCT	NCT01678443
	Hamatalagical	Recruiting	II	EBRT	X			Combined with conventional chemotherapy + rituximab	NCT01290120
	Hematological	Recruiting	II	EBRT IFRT		X		Combined with rituximab as consolidation regimen upon chemoimmunotherapy	NCT01516593
Combinatorial		Recruiting	II	IFRT SIRT	X			Combined with R-CHOP regimen and ⁹⁰ Y-conjugated anti-CD20 mAb	NCT01359592
	HNC	Recruiting	II	3D-CRT IGRT IMRT	X			Combined with cetuximab, cisplatin, docetaxel, erythropoetin, folinic acid, 5-FU and G-CSF	NCT01467115
	Pancreatic	Active not recruiting	I	EBRT	X			Combined with gemcitabine, GM-CSF, tadalafil and a telomerase-specific vaccine	NCT01342224
		Recruiting	I	SBRT	X			Combined with FOLFOXIRI and G-CSF	NCT01446458
	Prostate	Recruiting	II	EBRT			X	Combined with ADT or L-BLP25	NCT01496131
	Sarcoma	Recruiting	I	EBRT	X			Combined with doxorubicin and bevacizumab	NCT01746238
		Recruiting	I	EBRT	X			Combined with autologous CD8 ⁺ T cells, IFNβ and IL-2	NCT01758458
	Other	Recruiting	I/II	EBRT		X		Combined with peptide vaccine + hiltonol	NCT01720836
		Recruiting	n.a.	EBRT	X			As maintenance therapy upon auto-HSCT	NCT01505569

Abbreviations: 3D-CRT, 3D conformal RT; 5-FU, 5-fluorouracil; ABVD, doxorubicin, bleomycin, vinblastine, dacarbazine; ACF, paclitaxel, cisplatin and 5-FU; ACT, adoptive cell transfer; ADT, androgen-deprivation therapy; ATG, anti-thymocyte globulin; BEACOPP, bleomycin, etoposide, doxorubicin, cyclophosphamide, vincristine, procarbazine, prednisone; CAPOX, capecitabine, oxaliplatin; CNS, central nervous system; CRC, colorectal carcinoma; DC, dendritic cell; DC-CIK, dendritic and cytokine-

induced killer; EBRT, external beam RT; EGFR, epidermal growth factor receptor; FOLFIRI, folinic acid, 5-FU, irinotecan; FOLFOX, folinic acid, 5-FU, oxaliplatin; FOLFOXIRI, folinic acid, 5-FU, oxaliplatin, irinotecan; G-CSF, granulocyte colony-stimulating factor; GM-CSF, granulocyte macrophage colony-stimulating factor; HNC, head and neck carcinoma; HSCT, hematopoietic stem cell transplantation; HSRS, hypofractionated stereotactic radiosurgery; ICDi, immunogenic cell death inducer; IFN, interferon; IFRT, involved field radiotherapy; IGRT, image guided RT; IL, interleukin; IMRT, intensity-modulated RT; INRT, involved nodal RT; IORT, intraoperative RT; mAb, monoclonal antibody; MIBG, metaiodobenzylguanidine; MMf, mycophenolate mofetil; n.a., not available, n.s., not specified; OV, oncolytic virus; PBRT, proton beam RT; PBSCT, peripheral blood stem cell transplantation; PRDR, pulse reduced dose rate radiation; R-CHOP, cyclophosphamide, doxorubicin hydrochloride, vincristine sulfate, prednisone, rituximab; RE, radioembolization; RT, radiation therapy; SART, stereotactic ablative RT; SBRT, stereotactic body RT; SIRT, selective internal RT; SRS, stereotactic radiosurgery; TAC, docetaxel, doxorubicin, cyclophosphamide; TCX, docetaxel, cyclophosphamide, capecitabine; TPE-A, docetaxel, cisplatin, cetuximab, bevacizumab; TLRA, Toll-like receptor agonist; VEGF, vascular endothelial growth factor; WBRT, whole-brain RT. *started after 2011 January, 1st and not withdrawn, terminated or suspended at the day of submission (source www.clinicaltrials.gov).