Country/Rogin Country/Rogin Country/Rogin Field of cospuration				_	(As of March 31, 2024)
Mayor Clinic United States 2008 Nadation effects	No.	Organization	Country/Region		Field of cooperation
Oldoredo States University United States 2008 Relations effects United States Department of Energy United States 2014 Fusion energy research Control States Department of Energy United States 2022 Medical physics beginning to the state of Energy Old Healthcore Ltd UAE 2023 Charged particle radiotherapy Outside Advolverage Oncologica (ONAO) Rely 2005 Charged particle radiotherapy Person beginning to the state of Energy Old Healthcore Ltd UAE 2023 Charged particle radiotherapy Obertic Radioterapy Tests Medical Center India 2017 Charged particle radiotherapy India 2017 Charged particle radiotherapy India 2018 Relation protection, radiococlogy Redidentify, Featily of Science, Magalates University University of Wildorgang Australia 2017 Charged particle radiotherapy, radiotion dosimetry, radiotopolal solvey University of Wildorgang Australia 2018 Particle been generation and application India 2018 Redidentify Particle Part	1	Oklahoma State University	United States	2005	Space radiation dosimetry
United States Department of Energy United States 2014 Fusion energy research Courable University United States 2022 Medical physics, biophysics, radiation biology and rediction encology Reductor and the Newtonian Control of Control Nazionals di Adrotorogia Oncologica (CNAO) Reductor Nazionals di Adrotorogia Oncologica (CNAO) REST Control Nazionals di Adrotorogia Oncologica (CNAO) Reductorogia particle redictionarpy Reductoria protection, radioecciony Reductoria di University di Wolforgeng Reductoria di University di New South Weles Australia Reductoria di Reducto	2	Mayo Clinic	United States	2009	Charged particle radiotherapy, medical physics, radiological biology
Odurbis University United States 2022 Medical physics, bophysics, rophysics, radiation biology and radiation oncology GM Healthcan Ltd UAE 2023 Oharged particle radiotherapy Contro Nacionale di Adretorepia Oncologica (CNAO) Italy 2016 Charged particle radiotherapy Tata Medical Center Build 2017 Charged particle radiotherapy To fast Medical Center Durid 2017 Charged particle radiotherapy To fast Medical Center Productive of Science and Technology Organisation Australia 2018 Rediation protection, rediotectory, radiation dosinetry, radiological sological Italy Charged particle radiotherapy rediation dosinetry, radiological sological solo	3	Colorado State University	United States	2008	Radiation effects
Big Millentheard Ltd Like 2020 Charged particle redictherapy	4	United States Department of Energy	United States	2014	Fusion energy research
Procession Pro	5	Columbia University	United States	2022	Medical physics, biophysics, radiation biology and radiation oncology
BTX Consentum	6	GM Healthcare Ltd	UAE	2023	Charged particle radiotherapy
Tata Medical Center	7	Centro Nazionale di Adroterapia Oncologica (CNAO)	Italy	2006	Charged particle radiotherapy
December for Advanced Research in Environmental Radiacetrity, Feaulty of Science, Mangalore University December for Advanced Research Science, Mangalore University December for Science, Mangalore University Australia 2014 Charged particle radiotherapy, radiation dosimotry, radiological biology December for Science and Technology Organization Australia 2018 Particle beam generation and application Australia 2018 Particle beam generation and paper for paper Australia 2018 Particle beam generation and generation Australia 2018 Particle beam generation and generation Australia 2018 Particle beam generation Australia 2019 Particle beam generation Australia 2019 Particle beam generation Australia	8	RFX Consortium	Italy	2015	Fusion plasma heating
Radiaciativity, Faculty of Science, Mangalore University II University of Wolongong Australia 2014 Charged particle radiotherapy, radiotogoal biology University of New South Weles Australia 2013 Particle beam peneration and application Australia 2013 Charged particle radiotherapy, radiotogoal biology Breat of Radiotogoal & Medical Sciences South Korea 2003 Radiation emergency medicine, accelerator physics. Training 17 National Fusion Research Institute South Korea 2004 Radiation emergency medicine, accelerator physics. Training 18 Consean Institute of Radiological & Medical Sciences South Korea 2005 Facilian planna bearing current drive 19 Songkyunkwan University South Korea 2017 Charged particle radiotherapy 10 Songkyunkwan University South Korea 2017 Charged particle radiotherapy 11 National Fusion Research Institute South Korea 2017 Charged particle radiotherapy 2018 Charged particle radiotherapy 2019 Songkyunkwan University South Korea 2017 Charged particle radiotherapy 2015 Charged particle radiotherapy 2016 Charged particle radiotherapy 2016 Charged particle radiotherapy 2017 Charged particle radiotherapy 2018 Charged particle radiotherapy 2018 Charged particle radiotherapy 2018 Charged particle radiotherapy 2019 Radiation and cancer research 2019 Radiation of the Cancer o	9	Tata Medical Center	India	2017	Charged particle radiotherapy
Biology Particle beam generation and application Australia 2015 Particle beam generation and application	10		India	2018	Radiation protection, radioecology
12 Australia's Nurclear Science and Technology Organisation 13 University of New South Weles 14 Med-Austron 15 Korean Institute of Radiological & Medical Sciences 16 Korean Institute of Radiological & Medical Sciences 17 National Fusion Research Institute 18 Vonsei Cancer Center 19 National Fusion Research Institute 19 National Fusion Research Institute 2005 Fusion plasma heating current drive 2006 Fusion plasma heating current drive 2007 Radiation emergency medicine, accelerator physics. 2008 Pusion Research Institute 2008 South Korea 2009 Fusion plasma heating current drive 2009 Fusion plasma heating current drive 2009 South Korea 2017 Radiation emergency medicine, nuclear medicine, accelerator physics. 2018 Charged particle radiotherapy 20 South Korea 2017 Radiation emergency medicine medicine, accelerator physics. 21 King Abdulazic City for Science and Technology 21 King Abdulazic City for Science and Technology 22 Chiang Mai University 32 Seudi Arabia 32 Discoul National University 33 Taipes' Veterans General Hospital 34 Taipes' Veterans General Hospital 35 ELl-Bamiline Project 36 Nuclear Physics Institute of the CAS, v.v.i. Czech 36 Nuclear Physics Institute of the CAS, v.v.i. Czech 37 Nuclear Physics Institute of the CAS, v.v.i. Czech 38 Nuclear Science Institute of Physios, Chinese Academy of China 39 Sundywestern Institute for Physios, Chinese Academy of China 30 Shanghai Proton and Heavy Ion Centor 31 Heyou Hospital 31 Heyou Hospital 32 Radiation Medicine Research Group of University of Ulm 33 Heyou Hospital 34 The Federal Office for Radiation Protection 36 Shanghai Proton and Heavy Ion Centor 37 Heyou Hospital 38 Cerrans Aerospace Center 39 Rediation Medicine Research Group of University of Ulm 39 Rediation Medicine Research Group of University of Ulm 30 Shanghai Proton and Heavy Ion Centor 31 Heyou Hospital 32 Rediation Medicine Research Group of University of Ulm 39 Rediation Medicine Research Group of University of Ulm 30 Charged particle radiotherapy, medicine protection, accelerator Physics, Del	11	University of Wollongong	Australia	2014	
Austria 2013 Charged particle radiotherapy 15 Korean Institute of Radiological & Medical Sciences 16 Korean Institute of Radiological & Medical Sciences 17 National Fusion Research Institute 18 Yonsel Cancer Center 19 South Korea 2001 Fusion plasm heating current drive 18 Yonsel Cancer Center 2017 Charged particle radiotherapy 2017 Charged particle radiotherapy 2018 Charged particle radiotherapy 2019 Charged particle radiotherapy 2019 Charged particle radiotherapy 2010 Charged particle radiotherapy 2010 Charged particle radiotherapy 2011 Charged particle radiotherapy 2011 Charged particle radiotherapy 2012 Charged particle radiotherapy 2013 Charged particle radiotherapy 2014 Hualien Tsu Chi Medical Center 2015 EL-Beamline Project 2016 Cacch 2017 Radiation and cancer research 2018 Charged particle radiotherapy 2018 Charged particle radiotherapy 2018 Charged particle radiotherapy 2019 Charged particle radiotherapy 2010 Charged particle radiotherapy 2010 Charged particle radiotherapy 2010 Charged particle radiotherapy 2011 Radiation protection 2011 Radiation protection 2012 Fusion energy research 2013 Charged particle radiotherapy, medical physics, biology 2014 Huslen Tsu Chi Medical Center 2015 Charged particle radiotherapy, medical physics, biology 2016 Radiation developed protection 2017 China 2007 Fusion energy research 2018 Charged particle radiotherapy, medical physics, biology 2018 Medical database system 2019 Radiation mergency medicine accelerator 2010 Charged particle radiotherapy 2011 Reference Research Group of University of Ulm Germany 2011 Reference Research Plassendorf 2011 Reference Research Plassendor	12	Australia's Nuclear Science and Technology Organisation	Australia	2018	
South Korean Institute of Radiological & Medical Sciences South Korea 2004 Radiation emergency medicine, nuclear medicine, accelerator physics Phy	13	University of New South Wales	Australia	2023	Effects of radiation exposure on solar cells for space use
Dryslos Dryslos Propies Prop	14	MedAustron	Austria	2013	Charged particle radiotherapy
South Korean Institute of Radiological & Medical Sciences South Korean	15	Korean Institute of Radiological & Medical Sciences	South Korea	2004	
18 Yonsei Cancer Center South Korea 2017 Charged particle radiotherapy Sungkyunkwan University South Korea 2017 Radiation research South Korea 2018 Charged particle radiotherapy Seoul National University Hospital South Korea 2018 Charged particle radiotherapy Seoul National University Hospital South Korea 2018 Charged particle radiotherapy Chiang Mai University Thailand 2010 Charged particle radiotherapy, radiation emergency medicine Chiang Mai University Thailand 2017 Radiation and cancer research Radiation and cancer research Radiation therapy, medical physics, biology Listense Veterans General Hospital Taiwan 2018 Charged particle radiotherapy Radiation therapy, medical physics, biology Listense Veterans General Hospital Taiwan 2018 Charged particle radiotherapy Listense Veterapy ELI-Beamline Project Czech 2017 High intensity laser, high intensity field science Republic Republic Republic Southwestern Institute of the GAS, v.v.i., Czech Republic Republic Southwestern Institute of Physics China 2007 Fusion energy research Southwestern Institute of Physics China 2007 Fusion energy research Southwestern Institute of Physics China Southwestern Institute of Physics China China 2007 Radiation emergency medicine, radiation protection Shanghal Proton and Heavy Ion Center China 2007 Radiation emergency medicine, radiation protection Republic China China	16	Korean Institute of Radiological & Medical Sciences	South Korea	2008	Radiation emergency medicine, nuclear medicine, accelerator
Seoul National University South Korea 2017 Radiation research Charged particle radiotherapy 21 King Abdulaziz Oity for Science and Technology Saudi Arabia 2010 Charged particle radiotherapy, radiation emergency medicine 22 Chiang Mai University Thailand 2017 Radiation and cancer research 23 Taipei Veterans General Hospital Taiwan 2015 Radiation therapy, medical physics, biology 24 Hualien Tsu Chi Medical Center Taiwan 2018 Charged particle radiotherapy 25 ELI-Beamline Project Czech 2017 High intensity laser, high intensity field science 26 Nuclear Physics Institute of the CAS, v.v.i., Czech Republic 27 Institute of Plasma Physics, Chinese Academy of Sciences 28 Southwestern Institute of Physics China 2007 Fusion energy research 29 National Institute for Radiological Protection China 2007 Fusion energy research 29 National Institute for Radiological Protection China 2015 Charged particle radiotherapy, medical physics, biology 30 Shanghai Proton and Heavy Ion Center China 2023 Charged particle radiotherapy, medical physics, biology 31 Heyou Hospital China 2023 Charged particle radiotherapy, medical physics, biology 31 The German Aerospace Center Germany 2005 Aerospace radiological medicin 34 The Federal Office for Radiation Protection Germany 2015 Radiation protection, radiation emergency medicine 35 Helmholtz Zentrum Dresden-Rossendorf Germany 2015 Radiation protection, radiation emergency medicine 36 GSI Helmholtz Centre for Heavy Ion Research Germany 2016 Charged particle radiotherapy, radiation protection, accelerator 37 Haukeland University Hospital Norway 2015 Charged particle radiotherapy, radiation protection, accelerator 38 Hungarian Academy of Sciences. Institute for Nuclear Research Acolerator physics Rediation protection, radiation emergency medicine, radiation emicronomental effects	17	National Fusion Research Institute	South Korea	2005	
Seoul National University Hospital South Korea 2018 Charged particle radiotherapy Charged particle radiotherapy Thailand 2010 Charged particle radiotherapy, radiation emergency medicine Charged particle radiotherapy, radiation emergency medicine Charged particle radiotherapy, radiation emergency medicine Taiwan 2017 Radiation and cancer research Radiation therapy, medical physics, biology Analysis and the separate for the special particle radiotherapy ELI-Beamline Project Czech Czech Czech Czech Czech Czech Radiation therapy, medical physics, biology High intensity laser, high intensity field science Czech Radiation physics, radiation dosimetry, biological effects Republic Radiation physics, radiation dosimetry, biological effects Republic Radiation emergency research Sciences Southwestern Institute of Physics China China Correct Cach Radiation emergency medicine, radiation protection China Charged particle radiotherapy Fusion energy research Cach Radiation mergency medicine, radiation protection China Charged particle radiotherapy Radiation Medicine Research Group of University of Ulm Germany Charged particle radiotherapy, medical physics, biology The German Aerospace Center Germany Charged particle radiotherapy medicine Radiation protection, radiation emergency medicine Radiation protection, radiation emergency medicine Radiation protection, radiation emergency medicine Helmholt-Zentrum Dresden-Rossendorf Germany Charged particle radiotherapy, radiation protection, accelerator Halphinolt-Zentrum Dresden-Rossendorf Germany Charged particle radiotherapy, radiation protection, accelerator Research Norway Charged particle radiotherapy, radiation protection, accelerator Philippines Research Charged particle radiotherapy, radiation emergency medicine, radiation environmental felfects Charged particle radiotherapy, radiation protection, accelerator physics Research Philippines Charged particle radiotherapy Radiation protection, radiation emergency med	18	Yonsei Cancer Center	South Korea	2017	Charged particle radiotherapy
Saudi Arabia 2010 Charged particle radiotherapy, radiation emergency medicine	19	Sungkyunkwan University	South Korea	2017	Radiation research
22 Chiang Mai University Thailand 2017 Radiation and cancer research 23 Taipei Veterans General Hospital Taiwan 2018 Radiation therapy, medical physics, biology 24 Hualien Tsu Chi Medical Center Taiwan 2018 Charged particle radiotherapy 25 ELI-Beamline Project Czech 2017 High intensity laser, high intensity field science 26 Nuclear Physics Institute of the CAS, v.v.i., Czech 27 Radiation physics, radiation dosimetry, biological effects 28 Radiation Physics, chinese Academy of 29 Sciences 2007 Fusion energy research 2007 Fusion energy research 2007 Fusion energy research 2007 Radiation emergency medicine, radiation protection 30 Shanghai Proton and Heavy Ion Center China 2007 China 2007 Radiation emergency medicine, radiation protection 30 Shanghai Proton and Heavy Ion Center China 2015 Charged particle radiotherapy, medical physics, biology 31 Heyou Hospital China 2023 Charged particle radiotherapy 32 Radiation Medicine Research Group of University of Ulm 33 The German Aerospace Center Germany 2005 Aerospace radiological medicin 34 The Federal Office for Radiation Protection Germany 2015 Radiation protection, radiation emergency medicine 35 Helmholt–Zentrum Dresden–Rossendorf Germany 2016 Charged particle radiotherapy, radiation protection, accelerator 46 GSI Helmholtz Centre for Heavy Ion Research Germany 2017 High intensity laser 2021 Ion beam irradiation applications Accelerator physics Radiation protection, radiation protection, accelerator Hungarian Academy of Sciences, Institute for Nuclear Research Accelerator physics Radiation protection, radiation emergency medicine, radiation emergency medicine, radiation emergency medicine, radiation environmental effects Radiotopy molecular imaging	20	Seoul National University Hospital	South Korea	2018	Charged particle radiotherapy
Taiwan 2015 Radiation therapy, medical physics, biology 24 Hualien Tsu Chi Medical Center Taiwan 2018 Charged particle radiotherapy 25 ELI-Beamline Project Czech 2017 High intensity laser, high intensity field science 26 Nuclear Physics Institute of the CAS, v.v.i., Czech Republic 27 Institute of Plasma Physics, Chinese Academy of Sciences 28 Southwestern Institute of Physics 29 National Institute of Physics 30 Shanghai Proton and Heavy Ion Center China 2007 Radiation emergency medicine, radiation protection 30 Shanghai Proton and Heavy Ion Center China 2023 Charged particle radiotherapy 31 Heyou Hospital China 2023 Charged particle radiotherapy 32 Radiation Medicine Research Group of University of Ulm Germany 1998 Medical database system 33 The German Aerospace Center Germany 2005 Aerospace radiological medicin 34 The Federal Office for Radiation Protection Germany 2015 Radiation protection, radiation emergency medicine 35 Helmholt-Zentrum Dresden-Rossendorf Germany 2017 High intensity laser 36 GSI Helmholtz Centre for Heavy Ion Research Germany 2015 Charged particle radiotherapy, radiation protection, accelerator 38 Hungarian Academy of Sciences, Institute for Nuclear Research Hungary Research 39 Philippine Nuclear Research Institute Philippines 2009 Radiation protection, radiation emergency medicine, radiation emerg	21	King Abdulaziz City for Science and Technology	Saudi Arabia	2010	Charged particle radiotherapy, radiation emergency medicine
Huslien Tsu Chi Medical Center Taiwan Zona Charged particle radiotherapy ELI-Beamline Project Czech Zona Physics Institute of the CAS, v.v.i., Czech Republic Institute of Plasma Physics, Chinese Academy of Sciences Tolina Zona Physics, Chinese Academy of Sciences Southwestern Institute of Physics China Zona Physics, radiation dosimetry, biological effects Republic Taiwan Zona Physics, radiation dosimetry, biological effects Rediation physics, radiation dosimetry, biological effects Republic Taiwan Zona Physics, radiation dosimetry, biological effects Rediation physics, radiation dosimetry, biological effects Rediation physics, radiation dosimetry, biological effects Rediation physics, radiation dosimetry, biological effects China Zona Physics neargy research China Zona Radiation emergency medicine, radiation protection China Zona Charged particle radiotherapy, medical physics, biology Charged particle radiotherapy Medical database system Aerospace radiological medicin Taiwan The Federal Office for Radiation Protection Germany Zona Aerospace radiological medicin Republic Telephysics Taiwan Taiwan Taiwan Taiwan Taiwan Taiwan Tohina Zona Radiation emergency medicine Taiwan Taiwan Taiwan The Federal Office for Radiation Protection Germany Zona Radiation protection, radiation emergency medicine The Federal Office for Radiation Protection The Feder	22	Chiang Mai University	Thailand	2017	Radiation and cancer research
25 ELI-Beamline Project 26 Nuclear Physics Institute of the CAS, v.v.i., Czech Republic 27 Institute of Plasma Physics, Chinese Academy of Sciences 28 Southwestern Institute of Physics 29 National Institute for Radiological Protection 30 Shanghai Proton and Heavy Ion Center 31 Heyou Hospital 32 Radiation Medicine Research Group of University of Ulm 33 The German Aerospace Center 34 The Federal Office for Radiation Protection 35 GSI Helmholtz Centre for Heavy Ion Research 36 GSI Helmholtz Centre for Heavy Ion Research 37 Haukeland University Hospital 38 Hungarian Academy of Sciences, Institute for Nuclear Research Institute 39 Philippines 40 The French Alternative Energies and Atomic Energy 40 The French Alternat	23	Taipei Veterans General Hospital	Taiwan	2015	Radiation therapy, medical physics, biology
26 Nuclear Physics Institute of the CAS, v.v.i., Czech Republic 27 Institute of Plasma Physics, Chinese Academy of Sciences 28 Southwestern Institute of Physics China China China Corr China Corr Radiation physics, radiation dosimetry, biological effects Physics, Chinese Academy of Sciences China Corr Radiation energy research China China Corr Radiation energy research Charged particle radiotherapy, medical physics, biology Charged particle radiotherapy, medical physics, biology China China Corr Charged particle radiotherapy, medical physics, biology Charged particle radiotherapy Redical database system China Corr China Corr China Corr China Corr Charged particle radiotherapy Medical database system Cermany Corr Aerospace radiological medicin Radiation protection, radiation emergency medicine Helmholt-Zentrum Dresden-Rossendorf Germany Corr Germany Corr Corr	24	Hualien Tsu Chi Medical Center	Taiwan	2018	Charged particle radiotherapy
Republic 27 Institute of Plasma Physics, Chinese Academy of Sciences 28 Southwestern Institute of Physics China 2007 Fusion energy research 29 National Institute for Radiological Protection China 2007 Fusion energy research 29 National Institute for Radiological Protection China 2007 Radiation emergency medicine, radiation protection 30 Shanghai Proton and Heavy Ion Center China 2015 Charged particle radiotherapy, medical physics, biology 31 Heyou Hospital China 2023 Charged particle radiotherapy 32 Radiation Medicine Research Group of University of Ulm Germany 1998 Medical database system 33 The German Aerospace Center Germany 2005 Aerospace radiological medicin 34 The Federal Office for Radiation Protection Germany 2015 Radiation protection, radiation emergency medicine 35 Helmholt-Zentrum Dresden-Rossendorf Germany 2017 High intensity laser 36 GSI Helmholtz Centre for Heavy Ion Research Germany 2015 Charged particle radiotherapy, radiation protection, accelerator 37 Haukeland University Hospital Norway 2015 Charged particle radiotherapy, radiation protection, accelerator 38 Hungarian Academy of Sciences, Institute for Nuclear Research 39 Philippine Nuclear Research Institute Philippines 2009 Radiological biology, molecular imaging	25	ELI-Beamline Project	Czech	2017	High intensity laser, high intensity field science
27 Institute of Plasma Physics, Chinese Academy of Sciences China 2007 Fusion energy research 2007 Fusion energy research 2007 Sciences 2007 Fusion energy research 2007 Fusion energy research 2007 Radiation energency medicine, radiation protection 2008 Radiation energency medicine, radiation protection 2008 Radiation energency medicine, radiation protection 2009 Radiation energency energia 2009 Radiation energency energia 2009 Radiation energency energia 2009 Radiation energency energia 2009 Radiation protection, radiation energency medicine, radiation environmental effects 2009 Radiation protection, radiation energency medicine, radiation environmental effects 2009 Radiation protection, radiation environmental effects 2009 Radiological biology, molecular imaging 2009 200	26		Czech	2018	Radiation physics, radiation dosimetry, biological effects
28 Southwestern Institute of Physics China 2007 Fusion energy research 29 National Institute for Radiological Protection China 2007 Radiation emergency medicine, radiation protection 30 Shanghai Proton and Heavy Ion Center China 2015 Charged particle radiotherapy, medical physics, biology 31 Heyou Hospital China 2023 Charged particle radiotherapy 32 Radiation Medicine Research Group of University of Ulm Germany 1998 Medical database system 33 The German Aerospace Center Germany 2005 Aerospace radiological medicin 34 The Federal Office for Radiation Protection Germany 2015 Radiation protection, radiation emergency medicine 35 Helmholt-Zentrum Dresden-Rossendorf Germany 2017 High intensity laser 36 GSI Helmholtz Centre for Heavy Ion Research Germany 2011 Ion beam irradiation applications 37 Haukeland University Hospital Norway 2015 Charged particle radiotherapy, radiation protection, accelerator 38 Hungarian Academy of Sciences, Institute for Nuclear Research 39 Philippine Nuclear Research Institute Philippines 2009 Radiation protection, radiation emergency medicine, radiation environmental effects 40 The French Alternative Energies and Atomic Energy France 1996 Radiological biology, molecular imaging	27	Institute of Plasma Physics, Chinese Academy of	China	2007	Fusion energy research
30 Shanghai Proton and Heavy Ion Center China 2015 Charged particle radiotherapy, medical physics, biology 31 Heyou Hospital China 2023 Charged particle radiotherapy 32 Radiation Medicine Research Group of University of Ulm Germany 1998 Medical database system 33 The German Aerospace Center Germany 2005 Aerospace radiological medicin 34 The Federal Office for Radiation Protection Germany 2015 Radiation protection, radiation emergency medicine 35 Helmholt–Zentrum Dresden–Rossendorf Germany 2017 High intensity laser 36 GSI Helmholtz Centre for Heavy Ion Research Germany 2021 Ion beam irradiation applications 37 Haukeland University Hospital Norway 2015 Charged particle radiotherapy, radiation protection, accelerator 38 Hungarian Academy of Sciences, Institute for Nuclear Research 39 Philippine Nuclear Research Institute Philippines 2009 Radiation protection, radiation emergency medicine, radiation environmental effects 40 The French Alternative Energies and Atomic Energy France 1996 Radiological biology, molecular imaging	28		China	2007	Fusion energy research
31 Heyou Hospital China China China China China China Charged particle radiotherapy Medical database system 1998 Medical database system 32 Radiation Medicine Research Group of University of Ulm Germany 2005 Aerospace radiological medicin 34 The Federal Office for Radiation Protection Germany 2015 Radiation protection, radiation emergency medicine 35 Helmholt-Zentrum Dresden-Rossendorf Germany 2017 High intensity laser 36 GSI Helmholtz Centre for Heavy Ion Research Germany 2021 Ion beam irradiation applications 37 Haukeland University Hospital Norway 2015 Charged particle radiotherapy, radiation protection, accelerator Accelerator physics Research Philippine Nuclear Research Institute Philippines 2009 Radiation protection, radiation emergency medicine, radiation environmental effects 40 The French Alternative Energies and Atomic Energy France 1996 Radiological biology, molecular imaging	29	National Institute for Radiological Protection	China	2007	Radiation emergency medicine, radiation protection
32 Radiation Medicine Research Group of University of Ulm Germany 1998 Medical database system 33 The German Aerospace Center Germany 2005 Aerospace radiological medicin 34 The Federal Office for Radiation Protection Germany 2015 Radiation protection, radiation emergency medicine 35 Helmholt–Zentrum Dresden–Rossendorf Germany 2017 High intensity laser 36 GSI Helmholtz Centre for Heavy Ion Research Germany 2021 Ion beam irradiation applications 37 Haukeland University Hospital Norway 2015 Charged particle radiotherapy, radiation protection, accelerator 38 Hungarian Academy of Sciences, Institute for Nuclear Research 39 Philippine Nuclear Research Institute Philippines 2009 Radiation protection, radiation emergency medicine, radiation environmental effects 40 The French Alternative Energies and Atomic Energy France 1996 Radiological biology, molecular imaging	30	Shanghai Proton and Heavy Ion Center	China	2015	Charged particle radiotherapy, medical physics, biology
33 The German Aerospace Center Germany 2005 Aerospace radiological medicin 34 The Federal Office for Radiation Protection Germany 2015 Radiation protection, radiation emergency medicine 35 Helmholt–Zentrum Dresden–Rossendorf Germany 2017 High intensity laser 36 GSI Helmholtz Centre for Heavy Ion Research Germany 2021 Ion beam irradiation applications 37 Haukeland University Hospital Norway 2015 Charged particle radiotherapy, radiation protection, accelerator 38 Hungarian Academy of Sciences, Institute for Nuclear Research 39 Philippine Nuclear Research Institute Philippines 2009 Radiation protection, radiation emergency medicine, radiation environmental effects 40 The French Alternative Energies and Atomic Energy France 1996 Radiological biology, molecular imaging	31	Heyou Hospital	China	2023	Charged particle radiotherapy
34 The Federal Office for Radiation Protection Germany 2015 Radiation protection, radiation emergency medicine 35 Helmholt–Zentrum Dresden–Rossendorf Germany 2017 High intensity laser 36 GSI Helmholtz Centre for Heavy Ion Research Germany 2021 Ion beam irradiation applications 37 Haukeland University Hospital Norway 2015 Charged particle radiotherapy, radiation protection, accelerator 38 Hungarian Academy of Sciences, Institute for Nuclear Research Hungary 2005 Accelerator physics 39 Philippine Nuclear Research Institute Philippines 2009 Radiation protection, radiation emergency medicine, radiation environmental effects 40 The French Alternative Energies and Atomic Energy France 1996 Radiological biology, molecular imaging	32	Radiation Medicine Research Group of University of Ulm	Germany	1998	Medical database system
35 Helmholt-Zentrum Dresden-Rossendorf Germany 2017 High intensity laser 36 GSI Helmholtz Centre for Heavy Ion Research Germany 2021 Ion beam irradiation applications 37 Haukeland University Hospital Norway 2015 Charged particle radiotherapy, radiation protection, accelerator 38 Hungarian Academy of Sciences, Institute for Nuclear Research Hungary 2005 Accelerator physics 40 The French Alternative Energies and Atomic Energy France 1996 Radiological biology, molecular imaging	33	The German Aerospace Center	Germany	2005	Aerospace radiological medicin
36 GSI Helmholtz Centre for Heavy Ion Research 37 Haukeland University Hospital 38 Hungarian Academy of Sciences, Institute for Nuclear Research 39 Philippine Nuclear Research Institute 40 The French Alternative Energies and Atomic Energy Germany 2021 Ion beam irradiation applications Charged particle radiotherapy, radiation protection, accelerator Accelerator physics 2005 Radiation protection, radiation emergency medicine, radiation environmental effects Prance 1996 Radiological biology, molecular imaging	34	The Federal Office for Radiation Protection	Germany	2015	Radiation protection, radiation emergency medicine
37 Haukeland University Hospital Norway Norway 2015 Charged particle radiotherapy, radiation protection, accelerator 38 Hungarian Academy of Sciences, Institute for Nuclear Research 39 Philippine Nuclear Research Institute Philippines 2009 Radiation protection, radiation emergency medicine, radiation environmental effects 40 The French Alternative Energies and Atomic Energy France 1996 Radiological biology, molecular imaging	35	Helmholt-Zentrum Dresden-Rossendorf	Germany	2017	High intensity laser
38 Hungarian Academy of Sciences, Institute for Nuclear Research 39 Philippine Nuclear Research Institute Philippines 2005 Accelerator physics Radiation protection, radiation emergency medicine, radiation environmental effects 40 The French Alternative Energies and Atomic Energy France 1996 Radiological biology, molecular imaging	36	GSI Helmholtz Centre for Heavy Ion Research	Germany	2021	Ion beam irradiation applications
Research 39 Philippine Nuclear Research Institute Philippines 2009 Radiation protection, radiation emergency medicine, radiation environmental effects 40 The French Alternative Energies and Atomic Energy France 1996 Radiological biology, molecular imaging	37	Haukeland University Hospital	Norway	2015	Charged particle radiotherapy, radiation protection, accelerator
39 Philippine Nuclear Research Institute Philippines 2009 Radiation protection, radiation emergency medicine, radiation environmental effects 40 The French Alternative Energies and Atomic Energy France 1996 Radiological biology, molecular imaging	38		Hungary	2005	Accelerator physics
40 The French Alternative Energies and Atomic Energy France 1996 Radiological biology, molecular imaging	39		Philippines	2009	
	40	The French Alternative Energies and Atomic Energy Commission Life Science Division	France	1996	

No.	Organization	Country/Region	Year of conclusion	Field of cooperation
41	Université Grenoble Alpes	France	2007	Molecular imaging
	French Alternative Energies and Atomic Energy Commission	France	2016	Fusion reactor
43	Institut de Radioprotection et de Surete Nucleaire	France	2017	Radiation protection, radiation emergency medicine
	French Alternative Energies and Atomic Energy Commission	France	2019	Fusion reactor, burning plasma science
45	Trakia University	Bulgaria	2016	Molecular imaging, radiotherapy
46	Sofia University	Bulgaria	2017	Molecular imaging, radiotherapy
47	Institute of Nuclear Physics Polish Academy of Sciences	Poland	2023	Reaction mechanisms in heavy ion induced collisions
48	Universiti Sains Malaysia	Malaysia	2009	Charged particle radiotherapy, diagnostic imaging
49	Sapientia University	Romania	2012	Medicine, material science, accelerator
	Horia Hulubei National Institute of Physics and Nuclear Engineering	Romania	2017	High intensity laser
	Russian Academy of Science Institute for Biomedical Problems	Russia	2015	Radiation dosimetry, radiological biology, radiological science
52	Institute of Applied Physics Russian Academy of Sciences	Russia	2018	High intensity laser, particle acceleration
	National Medical Research Radiological Centre of the Ministry of Health of the Russian Federation	Russia	2020	Charged particle radiotherapy,Radiation Oncology