

## 2026 Adopted Triangle Project List

### 【Low dose radiation effects and health risk study】

No.	Application research title	Applicant Name	Affiliated institute	Research Collaborators
T26-01-001	Establishment and analysis of radiosensitive cells using genome editing technique	Kodai Kume	Hiroshima University	None
		Silvia Natsuko Akutsu	Hiroshima University	
		Koh-ichiro Yoshiura	Nagasaki University	
T26-01-002	Exploration of dose estimation method using spectroscopic technology	Tomonobu Watanabe	Hiroshima University	None
		Naoyuki Ukon	Fukushima Medical University	
T26-01-003	Understanding the biological effects of low-dose radiation from changes in tissue stem cells and mitochondrial metabolism	Megumi Sasatani	Hiroshima University	None
		Keiei Son	Hiroshima University	
		Tao-Sheng Li	Nagasaki University	
T26-01-004	Molecular pathogenesis of childhood and adolescent thyroid cancers	Norisato Mitsutake	Nagasaki University	None
		Fumihiko Furuya	Fukushima Medical University	
T26-01-005	Establishment biosimetry method using the imaging flow cytometer for automatic micronucleus analysis of many samples	Takaki Asano	Hiroshima University	None
		Sumi Yokoyama	Nagasaki University	
		Ryo Nakayama	Fukushima Medical University	
T26-01-006	Integrated analysis of radiation-induced biological effects using model animals based on inter-organ cellular dynamics	Osamu Kaminuma	Hiroshima University	None
		Megumi Sasatani	Hiroshima University	
		Yasuko Honjo	Hiroshima University	
		Ryoichi Mori	Nagasaki University	
T26-01-007	Analysis of chromosomal instability syndrome as a candidate factor determining Individual differences in radiation sensitivity	Silvia Natsuko Akutsu	Hiroshima University	None
		Mutsumi Matsuyama	Nagasaki University	
		Ryo Nakayama	Fukushima Medical University	
T26-01-030	Identification of Radiation-Specific Molecular Alterations and Establishment of Molecular Pathological Markers in Radiation-Associated Carcinogenesis	Megumi Sasatani	Hiroshima University	None
		Masahiro Nakashima	Nagasaki University	

【Radiation casualty medicine】

No.	Application research title	Applicant Name	Affiliated institute	Research Collaborators
T26-02-008	Development of comprehensive immunotherapy against advanced malignant diseases	Takero Shindo	Hiroshima University	Koji Kono Masao Kobayakawa Atsushi Kikuta Kenju Shimomura Hiroyuki Suzuki Hitoshi Ohto
		Yoshiyuki Suzuki	Fukushima Medical University	
T26-02-009	Hypoxic signaling in radiation-casualty medicine	Keiji Tanimoto	Hiroshima University	None
		Tao-Sheng Li	Nagasaki University	
T26-02-010	Studies on thyroid cancer with animal models	Osamu Kaminuma	Hiroshima University	None
		Naomi Hayashida	Nagasaki University	
		Mutsumi Matsuyama	Nagasaki University	
T26-02-011	Establishment of A System of Regenerative Medicine for Radiation Emergencies	Yukihito Higashi	Hiroshima University	None
		Tao-Sheng Li	Nagasaki University	
		Takafumi Ishida	Fukushima Medical University	
		Yasuchika Takeishi	Fukushima Medical University	
T26-02-012	Compassionate Use and Preparation of Non-approved Drugs and Treatments in Japan at the Time of Radiation Injury	Norisato Mitsutake	Nagasaki University	None
		Arifumi Hasegawa	Fukushima Medical University	
T26-02-013	Functional analysis of radiation-induced skin damage using novel high-resolution multiomics analysis	Takero Shindo	Hiroshima University	None
		Ryoichi Mori	Nagasaki University	
T26-02-014	Cardiac Effects of Modern Radiation Therapy	Satoshi Tashiro	Hiroshima University	None
		Yasuchika Takeishi	Fukushima Medical University	
		Yu Sato	Fukushima Medical University	
T26-02-015 withdraw	Identification of Interaction-Related Factors Between Skin and Muscle During the Repair of Radiation-Induced Skin Injury	Megumi Sasatani	Hiroshima University	None
		Shoji Imamichi	Nagasaki University	

【Social impact of a radiation disaster and radiological protection】

No.	Application research title	Applicant Name	Affiliated institute	Research Collaborators
T26-03-016	Archives studies of research records on radiation exposure at research institutes	Akiko Kubota	Hiroshima University	None
		Noboru Takamura	Nagasaki University	
T26-03-017	Fukushima residents' anxiety about health effect due to media information on radiation disaster and improvement of radiation information	Shinji Yoshinaga	Hiroshima University	None
		Seiko Hirota	Hiroshima University	
		Seiji Yasumura	Fukushima Medical University	
T26-03-018	A study of the effects of public participation in monitoring health and well-being after the nuclear accident	Hiroshi Yasuda	Hiroshima University	None
		Makiko Orita	Nagasaki University	
		Takashi Ohba	Fukushima Medical University	
T26-03-019	Health effects of the elderly in the victims of the Fukushima nuclear accident learning from the Nagasaki atomic bomb survivors	Mariko Mine	Nagasaki University	None
		Kenichi Yokota	Nagasaki University	
		Seiji Yasumura	Fukushima Medical University	
T26-03-020	Research on active learning methods to interactive radiation risk communicators	Sumi Yokoyama	Nagasaki University	Yoshiaki Hirofuji
		Takashi Ohba	Fukushima Medical University	
T26-03-021	Study to establish an integrated medical archive for atomic bomb survivors in Hiroshima and Nagasaki	Shinji Yoshinaga	Hiroshima University	None
		Akiko Kubota	Hiroshima University	
		Mariko Mine	Nagasaki University	
		Kenichi Yokota	Nagasaki University	
T26-03-027	An International Comparative Study on Perceptions of Treated Water from TEPCO's Fukushima Daiichi Nuclear Power Plant	Hitomi Matsunaga	Nagasaki University	None
		Isamu Amir	Fukushima Medical University	
T26-03-028	Changes in Psychological Anxiety Associated with Medical Support Following the Fukushima Nuclear Power Plant Radiation Disaster	Satoru Suzuki	Fukushima Medical University	Noriko Ikeda
		Naomi Hayashida	Nagasaki University	

【Medical radiation research】

No.	Application research title	Applicant Name	Affiliated institute	Research Collaborators
T26-04-022	Health effect of medical radiation exposure	Morihito Okada	Hiroshima University	None
		Satoshi Tashiro	Hiroshima University	
		Yuri Kawashima	Hiroshima University	
		Takashi Kudo	Nagasaki University	
		Takafumi Ishida	Fukushima Medical University	
		Yasuchika Takeishi	Fukushima Medical University	
T26-04-023	Regulation mechanisms of ERBB and radiation response in hypoxic breast cancer cells	Keiji Tanimoto	Hiroshima University	None
		Shigehira Saji	Fukushima Medical University	
T26-04-024	Fusion of dosimetry with alpha-camera and SPECT by Monte Carlo simulation to predict radiation damage.	Reiko Ideguchi	Nagasaki University	None
		Kohshin Washiyama	Fukushima Medical University	
T26-04-025	Construction of biological dose-response curve for Targeted radionuclide therapy	Yu Abe	Nagasaki University	None
		Naoyuki Ukon	Fukushima Medical University	
T26-04-026	Deciphering radiation-induced skin injury through disrupted vascular homeostasis	Yukihito Higashi	Hiroshima University	None
		Farina Binti Mohamad Yusoff	Hiroshima University	
		Ryoichi Mori	Nagasaki University	
T26-04-029	Prediction of therapeutic response using GABRA signaling and FDG-PET associated with immune checkpoint inhibitor resistance in esophageal cancer	Yoichi Hamai	Hiroshima University	None
		Takashi Kudo	Nagasaki University	