

2024 Adopted Triangle Project List

【Low dose radiation effects and health risk study】

No.	Application research title	Applicant Name	Affiliated institute	Research Collaborators
T24-01-001	Basic research on the effects of nuclear medicine therapy with a low or high linear energy transfer to normal tissues function	Takashi Kudo	Nagasaki University	None
		ZHAO Songji	Fukushima Medical University	
T24-01-002	Tissue-based spatiotemporal study of dose-rate effects using animal models	Osamu Kaminuma	Hiroshima University	Hidehiko Kawai
		Megumi Sasatani	Hiroshima University	
		Yasuko Honjo	Hiroshima University	
		Keiji Suzuki	Nagasaki University	
T24-01-003	Mechanism of genome rearrangement caused by low-dose-rate/low-dose radiation	Keiei Son	Hiroshima University	None
		Keiji Suzuki	Nagasaki University	
T24-01-004	Biological dosimetry by chromosomal translocation analysis using peripheral blood lymphocytes of children with thyroid cancer in Fukushima Prefecture	Shinya Matsuura	Hiroshima University	Tetsuo Ishikawa Tetsuya Ohira Mitsuaki Hosoya Shinichi Suzuki Maki Sato Satoshi Suzuki
		Akira Sakai	Fukushima Medical University	
T24-01-005	Establishment and analysis of radiosensitive cells using genome editing technique	Hideshi Kawakami	Hiroshima University	None
		Shinya Matsuura	Hiroshima University	
		Koh-ichiro Yoshiura	Nagasaki University	
T24-01-006	Elucidation of the pathogenetic mechanism of multiple myeloma using normal Blymphocyte-derived iPS cells	Megumi Sasatani	Hiroshima University	None
		Akira Sakai	Fukushima Medical University	
T24-01-007	Exploration of dose estimation method using spectroscopic technology	Tomonobu Watanabe	Hiroshima University	None
		Naoyuki Ukon	Fukushima Medical University	
T24-01-008	Effect and risk of alpha radiation on chromosomal abnormality in normal somatic cells	Yu Abe	Nagasaki University	None
		Noboru Oriuchi	Fukushima Medical University	

【Radiation casualty medicine】

No.	Application research title	Applicant Name	Affiliated institute	Research Collaborators
T24-02-009	Development of comprehensive immunotherapy against advanced malignant diseases	Tatsuo Ichinohe	Hiroshima University	Koji Kono Yoshiyuki Suzuki Masao Kobayakawa Atsushi Kikuta Kenju Shimomura Hiroyuki Suzuki
		Hitoshi Ohto	Fukushima Medical University	
T24-02-010	Hypoxic signaling in radiation-casualty medicine	Keiji Tanimoto	Hiroshima University	None
		Tao-Sheng Li	Nagasaki University	
T24-02-011	Studies on thyroid cancer with animal models.	Nariaki Fujimoto	Hiroshima University	None
		Mutsumi Matsuyama	Nagasaki University	
		Naomi Hayashida	Nagasaki University	

No.	Application research title	Applicant Name	Affiliated institute	Research Collaborators
T24-02-012	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	
T24-02-013	Elucidation of the molecular pathogenesis of radiation-associated myelodysplastic syndrome	Tatsuo Ichinohe	Hiroshima University	None
		Osamu Kaminuma	Hiroshima University	
		Yasushi Miyazaki	Nagasaki University	
T24-02-014	Basic study on the therapeutic effect of $\alpha$ -particle-emitting radionuclide, astatine-211(211At)-labeled anti-CD33 antibody on acute myeloid leukemia and its effect on normal tissues	Reiko Ideguchi	Nagasaki University	None
		ZHAO Songji	Fukushima Medical University	
T24-02-015	Compassionate Use and Preparation of Non-approved Drugs and Treatments in Japan at the Time of Radiation Injury	Norisato Mitsutake	Nagasaki University	None
		Arihumi Hasegawa	Fukushima Medical University	

**【Social impact of a radiation disaster and radiological protection】**

No.	Application research title	Applicant Name	Affiliated institute	Research Collaborators
T24-03-016	Archives studies of research records on radiation exposure at research institutes	Akiko Kubota	Hiroshima University	None
		Noboru Takamura	Nagasaki University	
T24-03-017	Fukushima residents' anxiety about health effect due to media information on radiation disaster and improvement of radiation information literacy	Shinji Yoshinaga	Hiroshima University	None
		Seiko Hirota	Hiroshima University	
		Seiji Yasumura	Fukushima Medical University	
		Chihiro Nakayama	Fukushima Medical University	
T24-03-018	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	
T24-03-019	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	
T24-03-020	Research on active learning methods to interactive radiation risk communicators	Sumi Yokoyama	Nagasaki University	None
		Takashi Ohba	Fukushima Medical University	

**【Medical radiation research】**

No.	Application research title	Applicant Name	Affiliated institute	Research Collaborators
T24-04-021	Health effect of medical radiation exposure	Morihito Okada	Hiroshima University	None
		Satoshi Tashiro	Hiroshima University	
		Takashi Kudo	Nagasaki University	
		Takafumi Ishida	Fukushima Medical University	
		Yasuchika Takeishi	Fukushima Medical University	

No.	Application research title	Applicant Name	Affiliated institute	Research Collaborators
T24-04-022	Regulation mechanisms of ERBB and radiation response in hypoxic breast cancer cells	Keiji Tanimoto	Hiroshima University	None
		Shigehira Saji	Fukushima Medical University	
T24-04-023	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	
		Naoyuki Ukon	Fukushima Medical University	
T24-04-024	Risk of secondary malignancy associated with alpha radiation and chromosomal abnormality	Yu Abe	Nagasaki University	None
		Noboru Oriuchi	Fukushima Medical University	