Joint Research Title Joint Researcher (Representative) Affiliated Organization (Representative) Affiliated Organization (Representative)	New. • Conti.
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【Projects responding to Fukushima Nuclear Power Plant accident】

1.Research on low-dose and low-dose rate radiation effects

Nobuyuki Hamada	Central Research Institute of Electric Power Industry	Yukihito Higashi	Hiroshima University	Conti.
Tsutomu Shimura	National Institute of Public Health	Megumi Sasatani	Hiroshima University	Conti.
Hidehiko Kawai	Hiroshima University	Megumi Sasatani	Hiroshima University	Conti.
MURATA TAKAHISA	The University of Tokyo	Osamu Kaminuma	Hiroshima University	Conti.
Tatsuhiko Imaoka	Natl Institutes for Quantum Science and Technology	Keiji Suzuki	Nagasaki University	Conti.
Uchimura Arikuni	Radiation Effects Research Foundation	Osamu Kaminuma	Hiroshima University	Conti.
Hiroshi Tauchi	Ibaraki University	Keiji Suzuki	Nagasaki University	Conti.
Satoru Nakashima	Hiroshima University	Yu Abe	Nagasaki University	Conti.
Ken-ichi Yoshioka	National cancer center research institute	Satoshi Tashiro	Hiroshima University	Conti.
Kurita, Naoyuki	Nagoya University, Tokai National Higher Education and Research System	Hiroshi Yasuda	Hiroshima University	Conti.
Masahiro Ito	NHO Nagasaki Medical Center	Masahiro Nakashima	Nagasaki University	Conti.
Daisuke IIZUKA	National Institutes for Quantum Science and Technology	Megumi Sasatani	Hiroshima University	Conti.
Ryuji Okazaki	University of Occupational and Environmental Health, Japan	Keiji Suzuki	Nagasaki University	New
Doi Kazutaka	National Institute for Quantum Science and Technology	Megumi Sasatani	Hiroshima University	Conti.
	Tsutomu Shimura Hidehiko Kawai MURATA TAKAHISA Tatsuhiko Imaoka Uchimura Arikuni Hiroshi Tauchi Satoru Nakashima Ken-ichi Yoshioka Kurita, Naoyuki Masahiro Ito Daisuke IIZUKA Ryuji Okazaki	Nobuyuki HamadaElectric Power IndustryTsutomu ShimuraNational Institute of Public HealthHidehiko KawaiHiroshima UniversityMURATA TAKAHISAThe University of TokyoTatsuhiko ImaokaNatl Institutes for Quantum Science and TechnologyUchimura ArikuniRadiation Effects Research FoundationHiroshi TauchiIbaraki UniversitySatoru NakashimaHiroshima UniversityKen-ichi YoshiokaNational cancer center research instituteKurita, NaoyukiNagoya University, Tokai National Higher Education and Research SystemMasahiro ItoNHO Nagasaki Medical CenterDaisuke IIZUKANational Institutes for Quantum Science and TechnologyRyuji OkazakiUniversity of Occupational and Environmental Health, JapanDoi KazutakaNational Institute for Quantum	Nobuyuki HamadaElectric Power IndustryYukihito HigashiTsutomu ShimuraNational Institute of Public HealthMegumi SasataniHidehiko KawaiHiroshima UniversityMegumi SasataniMURATA TAKAHISAThe University of TokyoOsamu KaminumaTatsuhiko ImaokaNatl Institutes for Quantum Science and TechnologyKeiji SuzukiUchimura ArikuniRadiation Effects Research FoundationOsamu KaminumaHiroshi TauchiIbaraki UniversityKeiji SuzukiSatoru NakashimaHiroshima UniversityYu AbeKen-ichi YoshiokaNational cancer center research instituteSatoshi TashiroKurita, NaoyukiNagoya University, Tokai National Higher Education and Research SystemHiroshi YasudaDaisuke IIZUKANational Institutes for Quantum Science and TechnologyMegumi SasataniRyuji OkazakiUniversity of Occupational and Environmental Health, JapanKeiji Suzuki	Nobuyuki HamadaElectric Power IndustryYukihito HigashiHiroshima UniversityTsutomu ShimuraNational Institute of Public HealthMegumi SasataniHiroshima UniversityHidehiko KawaiHiroshima UniversityMegumi SasataniHiroshima UniversityMURATA TAKAHISAThe University of TokyoOsamu KaminumaHiroshima UniversityTatsuhiko ImaokaNatl Institutes for Quantum Science and TechnologyKeiji SuzukiNagasaki UniversityUchimura ArikuniRadiation Effects Research FoundationOsamu KaminumaHiroshima UniversitySatoru NakashimaHiroshima UniversityYu AbeNagasaki UniversitySatoru NakashimaHiroshima UniversityYu AbeNagasaki UniversityKen-ichi YoshiokaNational cancer center research instituteSatoshi TashiroHiroshima UniversityKurita, NaoyukiNagoya University, Tokai Research SystemHiroshi YasudaHiroshima UniversityDaisuke IIZUKANational Institutes for Quantum science and TechnologyMegumi SasataniHiroshima UniversityQuita UkazakiUniversity of Occupational and Ervironmental Health, JapanMegumi SasataniHiroshima UniversityNational Institute for Quantum Requip OkazakiNational Institute for Quantum Megumi SasataniNagasaki UniversityDaisuke HZUKANational Institute for Quantum Science and TechnologyMegumi SasataniHiroshima UniversityDaisuke HZUKANational Institute for Quantum Science and TechnologyKeiji SuzukiNagasaki UniversityDaisuke HZUKA </td

Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
Simulation studies to evaluate the impact of confounding factors on risk estimates in low dose and dose rate radiation	Doi Kazutaka	National Institute for Quantum Science and Technology	Shinji Yoshinaga	Hiroshima University	Conti.
Development of an analytical method to quantitatively evaluate biological effects caused by low-dose or low-dose-rate irradiation	Nobuhiro Morishima	RIKEN	Megumi Sasatani	Hiroshima University	Conti.
High sensitivity analysis of DNA damage induced by ionizing radiation of low dose and low dose rate	Hiroaki Terato	Okayama University	Hiroshi Yasuda	Hiroshima University	Conti.
Live cell imaging using a genetic probe for detection of radiation effects	Kensuke Otsuka	Central Research Institute of Electric Power Industry	Keiji Suzuki	Nagasaki University	Conti.
Suppressive effect of low-dose X-ray on cell death in cerebral ischemia-reperfusion model	Katoh Shinsuke	Yokohama University of Pharmacy	Yu Abe	Nagasaki University	New
Analysis of the effects of Pb-210 and Po-210 ingested through food on the incidence of human cancer	YU CAI	The University of Tokyo	Shinji Yoshinaga	Hiroshima University	New
Assessing Dose of Representative Persons in the Environment focusing on Naturally Occurring Radioactive Materials	Hiromi Koike	The University of Tokyo	Seiko Hirota	Hiroshima University	Conti.
Construction of a low-concentration exposure field simulates the natural environment	Aoi Sampei	Hirosaki University	Tetsuo Ishikawa	Fukushima Medical University	New
Relationship of oxidative stress with cellular responses under low dose rate irradiation	Junya Kobayashi	International University of Health and Welfare	Shinya Matsuura	Hiroshima University	Conti.
Factor analysis on the effects of radiation disasters on obesity in children in Fukushima Prefecture	Shobugawa Yugo	Niigata University	Tetsuya Ohira	Fukushima Medical University	Conti.
Effect of low-dose/low-dose-rate radiation exposure on Th1/Th2 balance in mice	ΕΙΙΙ ΤΑΚΑΥΑΜΑ	Asahi University School of Dentistry	Tatsuo Ichinohe	Hiroshima University	Conti.
The study of DNA damage accumulation in response to long-term low-dose/low-dose rate radiation exposure	Masatoshi Suzuki	Tohoku University	Keiji Suzuki	Nagasaki University	Conti.
Risk assessment of carcinogenesis due to exposure to tritiated water using a mouse model with high susceptibility to carcinogenesis	Toshiyuki Umata	University of Occupational and Environmental Health, Japan	Megumi Sasatani	Hiroshima University	Conti.
Effect of mesenchymal stem cells on radiation-induced tissue injury	Nakashima Ayumu	Hiroshima University	Yukihito Higashi	Hiroshima University	Conti.

Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
【Projects responding to Fukushima Nuclear Power Plant accident】 2.Development of diagnostic and treatment methods for internal radiation exposure					
Exploration of biomarkers for the differential diagnosis of follicular thyroid cancer and novel drug-targeted molecules for their treatment	Osamu Ishibashi	Osaka Metropolitan University	Satoshi Tashiro	Hiroshima University	Conti.
【Projects responding to Fukushima Nuclear Power Plant accident】 3.Research and development of radiation-protective drugs					
Verification of the effect of cyclodextrin on reducing the absorption of radioactive iodine into the body	Shigeki Ito	Kumamoto University	Kodai Nishi	Nagasaki University	Conti.
Experimental studies on radiation and Curcumin analogues, GO-Y030, GO-Y022 and GO- Y078. Molecular mechanisms of radioresistance and radiosensitivity in human cancer cells	Eiko Nakata	International University of Health and Welfare	Shinya Matsuura	Hiroshima University	Conti.
					Conti.

[Projects responding to Fukushima Nuclear Power Plant accident]

4.Research on risk communication regarding radiation disasters

Clarifying the influence of latent damage of thyroid on the sensitivity of thyroid hormone in pituitary gland	Yuji Shimizu	Nagasaki University	Naomi Hayashida	Nagasaki University	New
Evaluation study of changes in physical, psychological, and social risk factors that influence health behavior	Takahiro TABUCHI	Osaka International Cancer Institute	Tetsuya Ohira	Fukushima Medical University	Conti.
An analytical study on the tendency of information dissemination and acquisition about nuclear before and after a radiation disaster	Takeshi IIMOTO	The University of Tokyo	Hiroshi Yasuda	Hiroshima University	Conti.
Cohort Study on Long-term Group Living Conditions and Maintenance of Physical Ability of Affected Elderly People in Public Housing (Idobata Nagaya) in Soma Area after the 2011 Great Japan East Earthquake	Saito Hiroaki	Soma Central Hospital	Masaharu Tsubokura	Fukushima Medical University	New
Association between parity status and after great disaster psychological stress tolerance	Yasukawa Sumiyo	Faculty of Health Sciences, Okayama University Institute of Academic and Research	Tetsuya Ohira	Fukushima Medical University	Conti.
Study for searching radioprotector/radiosensitizer using plasmid DNA damage as indicator	Katrunori Yogo	Nagoya University	Hiroshi Yasuda	Hiroshima University	Conti.

Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
A survey of medicines' demands of Minamisoma Municipal General Hospital affected by triple disaster after the Great East Japan Earthquake	Takanao Hashimoto	Kenkodo Pharmacy	Masaharu Tsubokura	Fukushima Medical University	Conti.
Effectiveness of educational workshops including risk communication for Fukushima nuclear power plant workers	Ryuji Okazaki	University of Occupational and Environmental Health, Japan	Seiji Yasumura	Fukushima Medical University	New
Case studies of public health activities in evacuated areas and surrounding areas after the Fukushima Daiichi Nuclear Power Plant accident	Yoshitaka Nishikawa	Kyoto University	Seiji Yasumura	Fukushima Medical University	Conti.
Survey on Disaster-Related Deaths in the Soso area after the Fukushima Daiichi nuclear power plant accident	Toyoaki Sawano	Jyoban Hospital of Tokiwa Foundation	Masaharu Tsubokura	Fukushima Medical University	New
Survey of health effects and issues during and after emergency evacuation of vulnerable people in the Soso area after the Great East Japan Earthquake	Saori Nonaka	Minamisoma Municipal General Hospital	Masaharu Tsubokura	Fukushima Medical University	Conti.
Archiving local government responses in Tokyo metropolitan area in the face of environmental contamination by nuclear accident - A case of Kashiwa City, Chiba Prefecture	OKURA, Masahiro	The University of Tokyo	Akiko Kubota	Hiroshima University	New
Innovative approaches to risk management in cancer screening in the territory affected by the Chernobyl nuclear power plant disaster	Tamara Sharshakova	Gomel State Medical University	Naomi Hayashida	Nagasaki University	New
Ethical Challenges in Health and Disaster Research	Sudeepa Abeysinghe	University of Edinburgh	Aya Goto	Fukushima Medical University	Conti.
Fostering " Dietary Choice " of Elementary School Students: The Next Generation of Shokuiku in Fukushima Prefecture after the Fukushima Nuclear Accident	Satoko Okabe	Koriyama Women's University	Aya Goto	Fukushima Medical University	Conti.
Research on the incidence and death of diseases and their distribution of evacuees and returnees after the Great East Japan Earthquake	SUN ZHICHAO	University of Tsukuba Hospital	Tetsuya Ohira	Fukushima Medical University	Conti.
A Proposal for Risk Management Methods in Local Governments: The Case of Kashiwa City, Chiba Prefecture	Hashima Shun	The University of Tokyo	Akiko Kubota	Hiroshima University	New

[Other important projects]

1.Research on the molecular mechanisms of genomic damage and repair

Role of XRCC3 polymorphism in pathogenesis and progression of cardiac hypertrophy	Chiemi Sakai	Hiroshima University	Satoshi Tashiro	Hiroshima University	Conti.
The analysis for the endoplasmic reticulum function altered by cellular stress	Kazunori Imaizumi	Hiroshima University	Akiko Nagamachi	Hiroshima University	Conti.

Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
Regulation of chromatin structures involved in repair of UV-induced DNA damage	Kaoru Sugasawa	Kobe University	Satoshi Tashiro	Hiroshima University	Conti.
Analysis of the role of histone H2AZ uniquitination in genome maintenace	Kouji Hirota	Tokyo Metropolitan University	Satoshi Tashiro	Hiroshima University	Conti.
Analysis of ATM activation by delayed mitochondrial ROS	Genro Kashino	Nara Medical University	Keiji Suzuki	Nagasaki University	Conti.
Effects of radiation on development and aging in zebrafish	Hiromi Hirata	Aoyama Gakuin University	Yasuko Honjo	Hiroshima University	Conti.
Role of unrepaired DNA damages in the radiation induced mutagenesis	Noda Asao	Radiation Effects Resarch Foundation	Keiji Suzuki	Nagasaki University	Conti.
Time-lapse analysis of nuclear factors involved in DNA damage response and repair	Ken-ichi Yano	Kumamoto University	Keiji Suzuki	Nagasaki University	Conti.
Analysis of the mechanisms involved in radiosentitivity of malignant glioma cells	Hama Seiji	Graduate School of Biomedical and Health Sciences, Hiroshima University	Shinya Matsuura	Hiroshima University	Conti.
Molecular pathologic characteristics of benign thyroid nodules showing nodule in nodule morphology	Mayu Ueda	Nagasaki University	Katsuya Matsuda	Nagasaki University	Conti.
Role of NBS1 protein in cellular responces to ionizing radiation	Hiroshi Tauchi	Ibaraki University	Shinya Matsuura	Hiroshima University	Conti.
A study of induction-mechanisms of DNA double-strand breaks	Isao Kuraoka	Fukuoka university	Satoshi Tashiro	Hiroshima University	Conti.
Histone H3K36 methyltranseferase functions in DNA repair	URA Kiyoe	Chiba University	Satoshi Tashiro	Hiroshima University	Conti.
Analysis of cellular function of polyubiquitinated PCNA	Masuda, Yuji	Nagoya University, Tokai National Higher Education and Research System	Megumi Sasatani	Hiroshima University	Conti.
Molecular mechanisms of DNA damage repair in the pathogenesis of cardiovascular diseases	Mari Ishida	Hiroshima University	Satoshi Tashiro	Hiroshima University	Conti.
Interaction between nuclear DNA damage and mitochondrial DNA damage	Mari Ishida	Hiroshima University	Satoshi Tashiro	Hiroshima University	Conti.

Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
Role of DNA damage response in Metabolic dysfunction associated fatty liver disease	Yuko Akazawa	Nagasaki University Graduated School of Bionedical Sciences	Masahiro Nakashima	Nagasaki University	New
Analysis of genomic instability in breast cancer carcinogenesis by 53BP1 expression	Otsubo Ryota	Nagasaki University Hospital	Katsuya Matsuda	Nagasaki University	New
Analysis of DNA damage response molecular expression as a prognostic predictor of oropharyngeal cancer	Hideaki Nishi	Ngasaki University Hospital	Katsuya Matsuda	Nagasaki University	Conti.
Mechanism by which splicing factors promote repair of radiation-induced DNA double- strand breaks	Motohiro Yamauchi	Kyushu University	Keiji Suzuki	Nagasaki University	Conti.
Effects of phase separation of DNA double-strand break repair factors on the frequency of chromosome rearrangement	Kie Ozaki	Kyushu University	Yu Abe	Nagasaki University	Conti.
Studies on genomic damage caused by viral infection and radiation	Hironori Yoshiyama	Shimane University	Shinya Matsuura	Hiroshima University	Conti.
Wnt/ β -catenin signal modulates DDR and EMT by dimethylation of histone H3K36 through NSD2 in hepatocellular carcinoma	Yasuaki Shibata	Nagasaki University Graduate School of Biomedical Sciences	Masahiro Nakashima	Nagasaki University	New
Novel responsible genes of diseases with genomic instability around the Chernobyl area	Tomoo Ogi	Nagoya University	Norisato Mitsutake	Nagasaki University	Conti.
Elucidation of the role of Rif1 in DSB repair	Tomohiro Iguchi	Tokyou Metropolitan Institute of Medical Science	Osamu Kaminuma	Hiroshima University	Conti.
53BP1 fluores cent staining expression as DNA damage response in the patients of superficial laryngopharyngeal squamous cell carcinoma	Tabuchi Maiko	Nagasaki University Hospital	Masahiro Nakashima	Nagasaki University	Conti.
Disruption mechanism of DSB-dependent chromatin regulation in response to decreased UBE3B expression	Okada Maiko	Tokyo University of Technology	Keiji Suzuki	Nagasaki University	New
Hypoxia signal and DNA damage response in aging	Bhawal Ujjal	Nihon University	Keiji Tanimoto	Hiroshima University	Conti.
Roles of epigenomic modification on DNA damage response under hypoxic conditions	Eisaburo Sueoka	Saga University	Keiji Tanimoto	Hiroshima University	Conti.
Histone H3K4me3 regulated by PTIP is required for the DNA damage response	Nakata Yuichiro	Chiba University	Osamu Kaminuma	Hiroshima University	Conti.
Roles of the hypoxia-inducible factor- α in radiation sensitivity	Yuichi Makino	Asahikawa Medical University	Keiji Tanimoto	Hiroshima University	Conti.

Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
Transcriptome analyses of radiation responses in hypoxia by using public database	Hiromasa Ono	Research Organization of Information and Systems	Keiji Tanimoto	Hiroshima University	Conti.
The role of TIP60 histone acetyltransferase complex in radiation-induced DNA damage response	Tsuyoshi Ikura	Kyoto University	Satoshi Tashiro	Hiroshima University	Conti.
Mechanisms of DNA damage responses in hypoxic cancer cells	Hidetaka Eguchi	Juntendo University	Keiji Tanimoto	Hiroshima University	Conti.
Study on the mechanism of zyogtic genome activation using early rat embryos	Kohtaro Morita	Kyoto University	Kento Miura	Hiroshima University	New
Analysis of the molecular mechanism of the genomic instability in carcinogenesis	Tomoko Ishikawa- Fujiwara	Osaka University	Megumi Sasatani	Hiroshima University	Conti.
Analysis of cellular strategy of autophagy-dependent cancer cell growth	FURUYA Kanji	Kyoto University	Yasuko Honjo	Hiroshima University	Conti.
Analysis of the role of non-canonical translation initiation factors in radiation-induced DNA damage restration	Kakuta Shigeru	The University of Tokyo	Osamu Kaminuma	Hiroshima University	Conti.
The cancer risk of ulcerative colitis investigated by 53BP1 fluorescent staining	Hashiguchi Keiichi	Nagasaki University Hospital	Masahiro Nakashima	Nagasaki University	Conti.

[Other important projects]

2. Research on mechanisms of radiation carcinogenesis and development of cancer treatment

Genomic and epigenomic analysis of hematological malignancies	Hirotaka Matsui	Kumamoto University	Akiko Nagamachi	Hiroshima University	Conti.
Development of a screening method for anticancer drugs targeting the error-prone DNA repair pathway activated in cancer cells after lonizing radiation	Kohzaki Masaoki	University of Occupational and Environmental Health, Japan	Keiji Suzuki	Nagasaki University	Conti.
Elucidation of molecular mechanism of ATM-activation by metformin	Tomoyuki Hamamoto	Showa Pharmaceutical University	Keiji Suzuki	Nagasaki University	Conti.
Exploring new functions of ascorbic acid for effective cancer suppression and radiation protection	Habu, Toshiyuki	Mukogawa Women's University	Megumi Sasatani	Hiroshima University	Conti.
Preliminary study for genome analysis using preserved blood specimens from atomic bomb survivors	Tomonori Hayashi	Radiation Effects Research Foundation	Shinya Matsuura	Hiroshima University	Conti.
The effect of low-dose irradiation on the functions of tumor-associated macrophages	Shotaro Nakajima	Fukushima Medical University	Osamu Kaminuma	Hiroshima University	Conti.

Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
Histopathological analysis in the carcinogenic processes on radiation-induced intestinal tumor	Morioka Takamitsu	Nat'l Insti. for Quantaum Science and Technology	Megumi Sasatani	Hiroshima University	Conti.
Elucidation of the mechanism of radiation-induced hepatocarcinogenesis	Morioka Takamitsu	Nat'l Insti. for Quantaum Science and Technology	Keiji Suzuki	Nagasaki University	Conti.
Analysis of radiation-specific molecular abnormalities in skin cancer associated with medical radiation exposure	Hiroyuki Murota	Nagasaki university	Masahiro Nakashima	Nagasaki University	Conti.
Carcinogenic mechanism of B-cell lymphoma/leukemia by radiation exposure	Hirotaka TACHIBANA	Central Research Institute of Electric Power Industry	Megumi Sasatani	Hiroshima University	New
p16INK4A expression in radioiodine-refractory radiogenic and sporadic thyroid cancer from Ukraine	Liudmyla Zurnadzhy	State Institution "VP Komisarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine" (IEM)	Vladimir Saenko	Nagasaki University	Conti.
Development of the novel cancer therapy based on host immune surveillance	Yasuda Tomoharu	Hiroshima University	Toshiya Inaba	Hiroshima University	Conti.
Detection of mutational signatures in the cancer tissue of Nagasaki atomic bomb survivors	Yuko Akazawa	Nagasaki University Graduated School of Bionedical Sciences	Masahiro Nakashima	Nagasaki University	New
Does PET/CT predict histopathological diagnosis in early esophageal squamous cell carcinoma?	Yuko Akazawa	Nagasaki University Graduated School of Bionedical Sciences	Takashi Kudo	Nagasaki University	New
Analysis of the malignant transformation mechanism of highly metastatic cells derived from a metastasis model of small cell lung cancer	SHUICHI SAKAMOTO	Microbial Chemistry Research Foundation	Megumi Sasatani	Hiroshima University	Conti.
Analyses of hepatic stellate cells and macrophages associated with radiation liver carcinogenesis in mice	Masataka Taga	Radiation Effects Research Foundation	Keiji Suzuki	Nagasaki University	Conti.
Genomic mutation analysis of radiation-induced mouse hepatocellular carcinoma	Yi SHANG	National Institutes for Quantum Science and Technology	Keiji Suzuki	Nagasaki University	Conti.
Role of miR-214/Per1 in mediating circadian variation of radiation sensitivity between normal and cancer cells	Ning-Ang Liu	Suzhou Medical College of Soochow University	Jiying Sun	Hiroshima University	Conti.
Cellular kinetics of hematopoietic stem cell with Sfpi1 gene deletion in bone marrow and spleen of X-irradiated mice	Mitsuaki Ojima	Oita University of Nursing and Health Sciences	Keiji Suzuki	Nagasaki University	Conti.
Expression of p16INK4A as a predictor of survival in patients with poorly differentiated thyroid carcinoma	Mikhail Frydman	Minsk City Clinical Oncological Center	Vladimir Saenko	Nagasaki University	New
Establishment of novel antitumoral strategy targeting tumor-associated microvessels	Masahiko KANEHIRA	University of Yamanashi Center for Life Science Research	Osamu Kaminuma	Hiroshima University	New

Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
Etiology-specific roles of four genetic loci conferring risk for radiation-related and sporadic thyroid cancer in pediatric and adult patients from Belarus	Tatsiana Leonava	Minsk City Clinical Oncological Center	Vladimir Saenko	Nagasaki University	Conti.
Development of 90Y-labeled internal radiation therapy agents - Melecular design for elucidation of radiation damages and decrease in radiation dose	FUCHIGAMI Takeshi	Kanazawa University	Kodai Nishi	Nagasaki University	Conti.
Analysis of myelodysplastic syndromes/myeloproliferative disorders in atomic bomb survivors	Daisuke Imanishi	Nagasaki Goto Chuoh Hospital	Yasushi Miyazaki	Nagasaki University	Conti.
Development of NFAT isoform selective control method as a novel cancer treatment strategy	Noriko Kitamura	Tokyo Metropolitan Institute of Medical Science	Osamu Kaminuma	Hiroshima University	Conti.
Mechanisms of radiation carcinogenic susceptibility, explored from changes in the tissue microenvironment	Masaaki Sunaoshi	National Institutes for Quantum Science and Technology	Keiji Suzuki	Nagasaki University	Conti.
Study of radiation-induced senescence in helper T cells (2)	Wang Duo	University of Occupational and Environmental Health,Japan	Keiji Suzuki	Nagasaki University	Conti.
Mechanisms of cancer immune surveillance in Radiation Carcinogenesis	Yun Guo	Hiroshima University	Megumi Sasatani	Hiroshima University	New
Development of estimation protocol for radiosensitivity of indivitual using iPS cells and Raman spectroscopy	Horie Masanobu	Kyoto University	Hideaki Fujita	Hiroshima University	Conti.
Study on the effect of irradiation on the structure and functions of laminin molecule in basement membarane	KOSHIKAWA NAOHIKO	Tokyo Insititute of technology	Osamu Kaminuma	Hiroshima University	New
Molecular mechanisms of radio-resistance in thyroid cancers	TANAKA Aya	Nagasaki University	Norisato Mitsutake	Nagasaki University	Conti.
Gene mutation analysis study in basal cell carcinoma	Kazumitsu Sugiura	Fujita Health University	Osamu Kaminuma	Hiroshima University	New
Long-term control of glioma stem cell population recurrence by radiation and a novel chemotherapeutic paradigm	SUGIMORI, MICHIYA	University of Toyama	Norisato Mitsutake	Nagasaki University	Conti.
The analysis of acute myeloid leukemia with co-existing CBFB::MYH11 and minor BCR::ABL1 fusion genes	Yoko Mizoguchi	Hiroshima University	AKUTSU SILVIA NATSUKO	Hiroshima University	New
The elucidation of a carcinogenic mechanism and determinants of malignancy for human cancers	Eiso Hiyama	Hiroshima University	Keiji Tanimoto	Hiroshima University	Conti.

[Other important projects]

3.Basic research on development of medical care for radiation disasters

Analysis of stress responsive substances induced by cerebral ischemia	Sakai Norio	Hiroshima University	Satoshi Tashiro	Hiroshima University	Conti.
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Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
Development of analysis techniques using three-dimensional electron microscopy for evaluation of radiation damage	Takeshi Itabashi	Yamaguchi University	Satoshi Tashiro	Hiroshima University	New
Mouse model study of clonal hematopoiesis and cardiovascular disease	Yoichiro Kusunoki	Radiation Effects Research Foundation	Megumi Sasatani	Hiroshima University	Conti.
Analysis of the pathophysiology for periodontal disease, a risk factor for radiation-induced jaw osteonecrosis.	Tanaka Yoshihiko	Fukuoka Dental College	Osamu Kaminuma	Hiroshima University	Conti.
Analyses of mechanisms underlying lung fibrosis, and serach for target molecules for drug development	Takeshi Nabe	Faculty of Pharmaceutical Sciences, Setsunan University	Osamu Kaminuma	Hiroshima University	Conti.
Comprehensive searches for novel biomarkers associated with radiation-induced liver injury in mice	Masataka Taga	Radiation Effects Research Foundation	Megumi Sasatani	Hiroshima University	Conti.
Dose estimation for cattle affected by the nuclear accidnet using nondestructive electron spin resonance	YAMAGUCHI Ichicho	National Institute of Public Health	Hiroshi Yasuda	Hiroshima University	New

[Other important projects]

4.Basic research on regenerative medicine approaches to improve radiation treatment

Regenerative medicine in cardiovascular diseases	Kajikawa Masato	Hiroshima University	Yukihito Higashi	Hiroshima University	Conti.
Research on the function and mechanism of cardiomyocyte physiology	Takahashi Masafumi	Jichi Medical University	Yukihito Higashi	Hiroshima University	Conti.
Reprogramming of human bone marrow-derived mesenchymal stem cells and treatment of radiation damage to normal tissues	Yoshio Hosoi	Tohoku University	Shinya Matsuura	Hiroshima University	Conti.
Analysis of the function of cardiac muscle cells	Goto Chikara	Hiroshima International University	Yukihito Higashi	Hiroshima University	Conti.
Analysis of inflamatory responses induced by necrotic sells	Kisaburo NAGATA	University of Toho	Osamu Kaminuma	Hiroshima University	Conti.
Elucidating the role of T cell repertoire variation in disease pathogenesis	Kimiko Inoue	Bioresource Research Center, RIKEN	Osamu Kaminuma	Hiroshima University	Conti.
Research on analysis of vascular endothelial cell function	Akira Taguchi	Matsumoto Dental University	Yukihito Higashi	Hiroshima University	Conti.
Effects of Radiation Exposure on Kideny	Akira Nishiyama	Kagawa University	Yukihito Higashi	Hiroshima University	Conti.

Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
Musculoskeletal Regerative Therapy with MSC-derived Exosomes	NOBUO ADACHI	Hiroshima University	Yukihito Higashi	Hiroshima University	Conti.
Investigation of the effects of mesenchymal stem cells on radiation-induced cardiovascular lesions	Takahiro Harada	Hiroshima University	Yukihito Higashi	Hiroshima University	New

[Other important projects]

5. Evaluative research on health effects and health risks associated with radiation disasters

The effect of radiation on trasportation of regenerative medicine	Aoyama Tomoki	Kyoto University	Hiroshi Yasuda	Hiroshima University	Conti.
Association of radiation exposure with atherosclerosis and cardiovascular disease among atomic bomb survivors	Sasaki Nobuo	Hiroshima Atomic Bomb Casualty Council	Yukihito Higashi	Hiroshima University	Conti.
Clonal hematopoiesis-related somatic mutation analyses in Hiroshima atomic-bomb survivors	Kengo Yoshida	Radiation Effects Research Foundation	Yasushi Miyazaki	Nagasaki University	New
Source strength and indoor position-based distribution of radon and thoron: an experiment in a model room and real houses using active and passive monitors	Changting Guh	The University of Tokyo	Tetsuo ISHIKAWA	Fukushima Medical University	New
Long-term health effect study of young people who evacuates after the Great East Japan Earthquake	Kana Yamamoto	Medical Governance Research Institute	Masaharu Tsubokura	Fukushima Medical University	Conti.
The effects of post-disaster lifestyle changes on the results of health checkups among children and adolescents	Yamagishi Kazumasa	University of Tsukuba	Tetsuya Ohira	Fukushima Medical University	Conti.
Role of short-chain fatty acids in intestinal immune system	Chiharu Nishiyama	Tokyo University of Science	Osamu Kaminuma	Hiroshima University	New
The effects of radiation exposure and background factors on the development of renal disease	Konta Tsuneo	Yamagata University	Seiji Yasumura	Fukushima Medical University	Conti.
Flow rate dependence of collection filters for alpha particles dust monitor	Kiso Mizuki	Hirosaki University	Tetsuo Ishikawa	Fukushima Medical University	New
An interview survey to search for the causes of decreased access to cancer care after the 2011 Fukushima triple disaster	Akihiko Ozaki	Jyoban Hospital of Tokiwa Foundation	Masaharu Tsubokura	Fukushima Medical University	Conti.
Study on Influence Factors on Radon Exhalation rate from soil - the improvement of accumulation chamber technique	Qianhao JIN	The University of Tokyo	Yasuda Hiroshi	Hiroshima University	New
Long-term trend of the subjective health: the Fukushima health management survey	Masato Nagai	Osaka Medical and Pharmaceutical University	Tetsuya Ohira	Fukushima Medical University	Conti.

Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
Relationship between dietary patterns after radiation disasters and future mental distress: Fukushima Prefectural Health Survey	Yoshida Junko	Fukuyama University	Tetsuya Ohira	Fukushima Medical University	Conti.
Association between Laughter and Lifestyle Diseases after the Great East Japan Earthquake	Eri Eguchi	Fukushima Medical University	Tetsuya Ohira	Fukushima Medical University	Conti.
Association between sleep state and mental health state among elementary school children	Tanigawa Takeshi	Juntendo University Graduate School of Medicine	Tetsuya Ohira	Fukushima Medical University	Conti.
Relationship between changes in living and economic environment before and after the Great East Japan Earthquake and cardiovascular disease: the Fukushima Health Management Survey	Ai Noda	Juntendo University Graduate School of Medicine	Tetsuya Ohira	Fukushima Medical University	Conti.
The impact of a disaster on smoking behavior after the Great East Japan Earthquake	Risa Murakami	Kobe University Graduate School of Health Sciences	Tetsuya Ohira	Fukushima Medical University	Conti.
Basic research on the history of research on the health effects of radiation disasters using ABCC/RERF-related materials	Kaori lida	Graduate Univ. for Advanced Studies, SOKENDAI	Akiko Kubota	Hiroshima University	Conti.
Research on the indicators of health impact caused by neclear disaster	Ochi, Sae	The Jikei University School of Medicine	Seiji Yasumura	Fukushima Medical University	Conti.
Association between lifestyle changes and the prevalence of abdominal obesity for four years after the Great East Japan Earthquake: The Fukushima Health Management Survey	Mayu Uemura	Nagoya University	Tetsuya Ohira	Fukushima Medical University	Conti.
The incidence of diabetes on the association with psychological distress in the cohort of evacuee after the Great East Japan Earthquake in Fukushima, Japan: A 10-year follow-up of the Fukushima Health Management Survey	Ryo Kawasaki	Osaka University	Seiji Yasumura	Fukushima Medical University	Conti.
Cross-cultural study of information needs and organizational approaches on diabetes issues of population in Gomel and Fukushima	Anastasiya Sachkouskaya	Gomel State Medical University	Aya Goto	Fukushima Medical University	Conti.
Association of PTSD symptoms, mental distress, and CVD among residents in the evacuation area of Fukushima after the Great East Japan Earthquake	Kazuhide Tezuka	Sakamoto Mental Health Center	Tetsuya Ohira	Fukushima Medical University	Conti.
Analysis of Social Signification Process of Medical-Scientific Statements: Using Newspaper Articles as Examination Materials	NOMIIYA, Daishiro	Chuo University	Akiko Kubota	Hiroshima University	New
Spatiotemporal variation of natural radon isotopes in assessing indoor human exposures and effective countermeasures using room based experiments	HASAN MD MAHAMUDUL	The University of Tokyo	Tetsuo ISHIKAWA	Fukushima Medical University	Conti.
Differences in Mortality Trends among the elderly by whether they evacuated after the Great East Japan Earthquake	Tomotaka Sobue	Osaka University	Seiji Yasumura	Fukushima Medical University	New

[Other important projects]

6.Application of radioisotopes to medical diagnosis and treatment

Ogawa Kazuma	Kanazawa University	Kazuhiro Takahashi	Fukushima Medical University	Conti.
Noriaki Miyaji	Fukushima Medical University	Noboru Oriuchi	Fukushima Medical University	Conti.
Nakamura Hiroyuki	Tokyo Institute of Technology	Kohshin Washiyama	Fukushima Medical University	Conti.
Kei Wagatsuma	Kitasato University	Kenta Miwa	Fukushima Medical University	Conti.
Yoichi Shimizu	Kyoto University	ZHAO Songji	Fukushima Medical University	Conti.
KIMURA HIROYUKI	Kanazawa University	Kazuhiro Takahashi	Fukushima Medical University	Conti.
Masato Tashiro		Kodai Nishi	Nagasaki University	Conti.
Ming Zhou		Tao-Sheng Li	Nagasaki University	Conti.
Ilchiro Nishinaka		Kohshin Washiyama	Fukushima Medical University	Conti.
Yokoyama, Akihiko	Kanazawa University	Kohshin Washiyama	Fukushima Medical University	Conti.
Masato Kobayashi	Kanazawa University	Kodai Nishi	Nagasaki University	Conti.
Yasuyuki Takahashi	Hirosaki University	Noboru Oriuchi	Fukushima Medical University	Conti.
Yasuhiro Ohshima		Naoyuki Ukon	Fukushima Medical University	New
	Noriaki Miyaji Nakamura Hiroyuki Kei Wagatsuma Yoichi Shimizu KIMURA HIROYUKI Masato Tashiro Ming Zhou Ichiro Nishinaka Yokoyama, Akihiko Masato Kobayashi Yasuyuki Takahashi	Noriaki MiyajiFukushima Medical UniversityNakamura HiroyukiTokyo Institute of TechnologyKei WagatsumaKitasato UniversityYoichi ShimizuKyoto UniversityKIMURA HIROYUKIKanazawa UniversityMasato TashiroNagasaki University Graduate School of Biomedical SciencesMing ZhouAkita University Graduate School of MedicineIchiro NishinakaNational Institutes for Quantum Science and TechnologyYokoyama, AkihikoKanazawa UniversityMasato KobayashiKanazawa UniversityYasuyuki TakahashiHirosaki University	Noriaki MiyajiFukushima Medical UniversityNoboru OriuchiNakamura HiroyukiTokyo Institute of TechnologyKohshin WashiyamaKei WagatsumaKitasato UniversityKenta MiwaYoichi ShimizuKyoto UniversityZHAO SongjiKIMURA HIROYUKIKanazawa UniversityKazuhiro TakahashiMasato TashiroNagasaki University Graduate School of Biomedical SciencesKodai NishiMing ZhouAkita University Graduate School of MedicineTao-Sheng LiIchiro NishinakaNational Institutes for Quantum Science and TechnologyKohshin WashiyamaYokoyama, AkihikoKanazawa UniversityKodai NishiYasuyuki TakahashiHirosaki UniversityNoboru OriuchiYasuyuki TakahashiHirosaki UniversityNoboru Oriuchi	Noriaki MiyajiFukushima Medical UniversityNoboru OriuchiFukushima Medical UniversityNakamura HiroyukiTokyo Institute of TechnologyKohshin WashiyamaFukushima Medical UniversityKei WagatsumaKitasato UniversityKenta MiwaFukushima Medical UniversityYoichi ShimizuKyoto UniversityZHAO SongjiFukushima Medical UniversityYoichi ShimizuKyoto UniversityZHAO SongjiFukushima Medical UniversityKIMURA HIROYUKIKanazawa University Graduate School of Biomedical SciencesKodai NishiNagasaki UniversityMing ZhouAkita University Graduate School of MedicineTao-Sheng LiNagasaki UniversityIchiro NishinakaNational Institutes for Quantum Science and TechnologyKohshin WashiyamaFukushima Medical UniversityYokoyama, AkihikoKanazawa UniversityKodai NishiNagasaki UniversityYasuyuki TakahashiHirosaki UniversityKodai NishiNagasaki UniversityYasuyuki TakahashiHirosaki UniversityNoboru OriuchiFukushima Medical UniversityYasuyuki TakahashiHirosaki UniversityNaboru OriuchiFukushima Medical University

	Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
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[Other important projects]

7.Medical radiation research

Assessment of DNA damage repair responses after heavy-ion radiation exposure	Asako J. Nakamura	Ibaraki University	Keiji Suzuki	Nagasaki University	Conti.
Development of radiation combination therapy drugs to increase cancer control rates through p53 regulation	Akinori Morita	Tokushima University	Toshiya Inaba	Hiroshima University	New
Research on the mechanism of radiation-induced taste disorders	Masaru Konishi	Hiroshima University Hospital	Shinya Matsuura	Hiroshima University	Conti.
Dose Distribution Assessment and Radiation Protection in Veterinary Hospitals	WANG Xueqing	The University of Tokyo	Hiroshi Yasuda	Hiroshima University	New
Development of novel radiosensitizing therapy for malignant brain tumors using photosensitizer precursor; 5-aminolevulinic acid	Kazuhiko Mishima	Saitama Medical University International Medical Center	Osamu Kaminuma	Hiroshima University	Conti.
Protective effect of p53 regulators against intestinal damage after multiple-dose irradiation	Yuichi Nishiyama	Tokushima University	Megumi Sasatani	Hiroshima University	Conti.
Novel therapeutic approaches targeting L-type amino acid transporters for radiation - induced cancer treatment	Keitaro Hayashi	Dokkyo Medical University	Osamu Kaminuma	Hiroshima University	Conti.
Assessment of exposure dose of X-ray of finger related to special needs dentistry	Minoru Miyake	Kagawa University	Hiroshi Yasuda	Hiroshima University	New
Effects of phytoestrogens on radiation response in hypoxic cancer cells	Takako Sakamoto	Jichi Medical University	Keiji Tanimoto	Hiroshima University	Conti.
Evaluation of clinico-pathological and molecular status of patients with radioactive iodine- refractory papillary thyroid cancer in Kazakhstan.	Laura Pak	Semey State Medical University	Masahiro Nakashima	Nagasaki University	New

[Open-topic projects]

Neural basis of adaptive behaviors coping stress	Hidenori Aizawa	Hiroshima University	Hideshi Kawakami	Hiroshima University	Conti.
Effect of antibiotic and hormonal therapy on intrauterine microbial colonization in endometriosis	Khalegue Khan	Kyoto Prefectural University of Medicine	Masahiro Nakashima	Nagasaki University	Conti.
Functional screening of metabolites produced by plant derived lactic acid bacteria	Sugiyama Masanori	Hiroshima University	Keiji Tanimoto	Hiroshima University	Conti.

Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
Search for novel therapeutic targets for knee osteoarthritis	Norimitsu Morioka	Hiroshima University	Keiji Tanimoto	Hiroshima University	Conti.
Examination of the effect of microRNA-26a on pulmonary fibrosis	Hattori Noboru	Hiroshima University, Graduate School of Biomedical and Health Sciences	Yoshihiro Miyata	Hiroshima University	New
Exploration of molecules that activate tumor-associated macrophages in hepatocellular carcinoma	Hiroyuki Tsuchiya	Tottori University	Yasuko Honjo	Hiroshima University	New
Profiling of Circulating T cells in Patients with Lymphedema	Hirofumi Imai	Hiroshima University Hospital	Tatsuo Ichinohe	Hiroshima University	Conti.
Research into the application of Tscm cells for the treatment of hepatitis	Hiromi Abe-Chayama	Hiroshima University	Tatsuo Ichinohe	Hiroshima University	Conti.
Investigation of treatment effects of adipose-derived stromal cells for psoriasis	Ryohei Ogino	Hiroshima University	Keiji Tanimoto	Hiroshima University	Conti.
Elucidation of the mechanism of immune response regulation by exercise	Daisuke Shiiba	Kurashiki University of Scince and the Arts	Keiji Tanimoto	Hiroshima University	Conti.
Analysis of the interaction between BMP/Smad and TNFa-induced inflammatory signals.	Hirata-Tsuchiya Shizu	Hiroshima University	Toshiya Inaba	Hiroshima University	Conti.
Functional analysis of primary cilia using knockout cells	Koji Ikegami	Hiroshima University	Hideshi Kawakami	Hiroshima University	Conti.
Whole exome sequencing of Beckwith-Wiedemann syndrome patients without known causative (epi)genome alterations	Hidenobu Soejima	Saga University	Koh-ichiro Yoshiura	Nagasaki University	Conti.
Evaluation about a novel diagnostic kit-product and automatic immunochromatography- reader for detection of lymph node metastases in breast cancer applying the semi-dry dot- blot method	Ryota Otsubo	Nagasaki University Hospital	Masahiro Nakashima	Nagasaki University	New
Biological effects of chemicals on endogenous substances in vitro and in vivo (6)	Yaichiro Kotake	Hiroshima University	Nariaki Fujimoto	Hiroshima University	Conti.
Whole genome sequencing of amphibians having undergone remarkable adaptive evolution	Takeshi Igawa	Hiroshima University	Hideshi Kawakami	Hiroshima University	Conti.
Validation of the association between radiological morphology and proteasome expression in renal cell carcinoma	Kohei Kobatake	Hiroshima University	Osamu Kaminuma	Hiroshima University	New

Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
Identification of neural lineage fate determinants in the striatum of fetus mouse exposed in utero to radiation	SHIRAISHI Kazunori	Osaka metropolitan university	Megumi Sasatani	Hiroshima University	New
Kinetic analysis of LAT1 expression and mTOR activation in ovarian cancer	Masaki Sekine	Graduate School of Biomedical and Health Sciences	Hideshi Kawakami	Hiroshima University	Conti.
Neuroprotective effects of ROCK inhibitors on retinal ganglion cells	Edo Ayaka	Hiroshima Univ.	Satoshi Tashiro	Hiroshima University	Conti.
Effects of Low-dose Radiation Exposure on Vascular Function	Harutoyo Hirano	Fujita Health University	Yukihito Higashi	Hiroshima University	Conti.
Functional analysis of optineurin in innate immunity	Masaya Fukushi	Hiroshima University	Hideshi Kawakami	Hiroshima University	Conti.
The analysis of adipose specific Ints6 conditional knockout mouse	Yuichiro Otani	Hiroshima University Hospital	Tatsuo Ichinohe	Hiroshima University	Conti.
The analysis of cancer genome and circulation tumor DNA for gastrointestinal cancer	Yuji Urabe	Hiroshima University Hospital	Akiko Nagamachi	Hiroshima University	Conti.
Prolyl isomerasea are committed to the onset of both cancer and metabolic syndromes	Asano Tomoichiro	Hiroshima University	Toshiya Inaba	Hiroshima University	Conti.
Elucidation of epigenetic regulation for brown fat development	Haruya Ohno	Hiroshima University	Akiko Nagamachi	Hiroshima University	Conti.
Elucidation of intramyocardial calcium dynamics in A kinase anchor protein mutants	Yukiko Nakako	Hiroshima University	Satoshi Tashiro	Hiroshima University	Conti.
Investigation of the pathophysiology for hereditary neurological diseases	Masahiro NAKAMORI	Hiroshima University	Kodai Kume	Hiroshima University	Conti.
Analysis of causative genes for neurodegenerative diseases	Yui Tada	Hiroshima University	Hideshi Kawakami	Hiroshima University	New
Analysis of the role of innate lymphoid cell in pulmonary arterial hypertension	Nakae Susumu	Hiroshima University	Tatsuo Ichinohe	Hiroshima University	Conti.
Analysis of Staphylococcus aureus derived from atopic dermatitis and innate immunity	MASAYA MORIWAKI	Hiroshima University	Osamu Kaminuma	Hiroshima University	Conti.
Understanding the mechanism of cancer cachexia and the development of a comprehensive therapeutic exercise program	MIYAZAKI, Mitsunori	Hiroshima University	Keiji Tanimoto	Hiroshima University	Conti.

Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New. • Conti.
Pathophysiological role of CPP2 on CKD induced muscle wasting	Shohei Kohno	Hiroshima University	Keiji Tanimoto	Hiroshima University	New
Exploring the regulatory function of protein droplets formed through liquid-liquid phase seperation (LLPS) in cells	Shin-ichi Tate	Hiroshima University	Satoshi Tashiro	Hiroshima University	Conti.
inducible gene expression system	Teruhisa Fujii	Hiroshima University	Satoshi Tashiro	Hiroshima University	Conti.
Analysis of transplantation and tumor antigen-specific immune response	OHDAN HIDEKI	Hiroshima University	Satoshi Tashiro	Hiroshima University	Conti.
Analysis of estrous cycle in common marmoset	Sotomaru Yusuke	Hiroshima University	Tatsuo Ichinohe	Hiroshima University	Conti.
Lung diaphragm protection strategy via modulation of spontaneous respiratory effort with partial neuromuscular blockade in ARDS	Shimatani Tatsutoshi	Hiroshima University	Tatsuo Ichinohe	Hiroshima University	New
Whole genome sequence of bronze loquat	Shinji Fukuda	Saga University	Kodai Kume	Hiroshima University	New