FY2026 Adopted Joint Usage/Research Projects　(As of May 18, 2026)

Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New.・Conti.
【Projects responding to Fukushima Nuclear Power Plant accident】 1.Research on low-dose and low-dose rate radiation effects					
A study on radiation effects to the circulatory system of wild-type mice	Nobuyuki Hamada	Central Research Institute of Electric Power Industry (CRIEPI)	Yukihito Higashi	Hiroshima University	Conti
Understanding anisakiasis by combining phylogenetic and molecular immunology	Maribet Gamboa	Universidad Catolica de la Santisima Concepcion	Osamu Kaminuma	Hiroshima University	Conti
DNA damage induced by occupational exposure of medical workers	Fukumoto Wataru	Hiroshima University	Satoshi Tashiro	Hiroshima University	Conti
Analysis of somatic mutation induction by using a hyper-sensitive system	Tauchi Hiroshi	Ibaraki University	Megumi Sasatani	Hiroshima University	Conti
The effects of radiation on bone tissue-composed cells	Takuma Matsubara	Kyushu Dental University	Osamu Kaminuma	Hiroshima University	Conti
Genome-wide analysis for the transgenerational effects of low-dose radiation exposure	Uchimura Arikuni	Radiation Effects Research Foundation	Osamu Kaminuma	Hiroshima University	Conti
Analysis of the effects of genomic mutations on the subsequent generations using mouse models	Yasunari Satoh	Radiation Effects Research Foundation	Osamu Kaminuma	Hiroshima University	Conti
Study on the Effects of Low-Level Radiation Exposure on Synaptic Transmission in the Nucleus Tractus Solitarius with an Imperfect Blood-Brain Barrier	Shin-ichi	The University of Tokyo	Osamu Kaminuma	Hiroshima University	New
Genetic basis of cancer susceptibility by radiation	Tatsuo Miyamoto	Yamaguchi University	Silvia Natsuko Akutsu	Hiroshima University	Conti
Biological effects of low-dose/low-dose-rate exposure on stem cells	IIZUKA DAISUKE	National Institutes for Quantum Science and Technology	Megumi Sasatani	Hiroshima University	Conti
Relationship of oxidative stress with cellular responses under low dose rate irradiation	Junya Kobayashi	International University of Health and Welfare	Silvia Natsuko Akutsu	Hiroshima University	Conti
Role of tumor microenvironment in radiation-induced tumor	Shimura Tsutomu	Ntional Institute of Public Health	Megumi Sasatani	Hiroshima University	Conti
Research on the effects of low-dose radiation on the anagen-telogen transition in the hair growth cycle.	Shoichiro Kokabu	Kyushu Dental University	Osamu Kaminuma	Hiroshima University	New
Evaluation of late effects of radiation exposure using human iPS cells	Go Shioi	RIKEN	Hideaki Fujita	Hiroshima University	Conti
Development and application of health risk potential map associated with internal exposure to residential radon in Japan	Masahiro Hosoda	Hirosaki University	Shinji Yoshinaga	Hiroshima University	Conti

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Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New.・Conti.
Effects of low-dose radiation exposure on lymphtic vessels	Chikara Goto	Hiroshima International University	Yukihito Higashi	Hiroshima University	Conti
Assessment of individual differences in radiosensitivity to low-dose-rate radiation using chromosomal aberrations	Masanori Tomita	Central Research Institute of Electric Power Industry (CRIEPI)	Satoshi Tashiro	Hiroshima University	Conti
Analysis of genomic alterations characteristic of radiation-induced breast cancer	Kazuhiro Daino	National Institutes for Quantum Science and Technology	Masahiro Nakashima	Nagasaki University	Conti
The analysis of the specific mutational signatures induced by low-dose(-rate) irradiation using a SV-NGS method (3)	Hidehiko Kawai	Hiroshima University	Megumi Sasatani	Hiroshima University	Conti
Quantitative analysis of foci indicating DNA double-strand breaks induced by long-term exposure to low concentrations of tritiated water	Kanata IZUMI	Tohoku University	Sumi Yokoyama	Nagasaki University	New
Elucidation of metabolic regulation in adipose tissue and low-dose radiation response mechanisms mediated by the taste receptor Tas1r3	Anna Yoshimura	Kyushu Dental University	Osamu Kaminuma	Hiroshima University	New
Analysis of the pathophysiology for periodontal disease, a risk factor for rakiation-induced jaw osteonecrosis	TANAKA YOSHIHIKO	Fukuoka Dental College	Osamu Kaminuma	Hiroshima University	Conti
Nutrients for treating radiation effect after atomic bombing	Ogawa, Keiko	Hiroshima University Hospital	Hideaki Fujita	Hiroshima University	New
Simulation studies to reinforce the interpretation of the differences between results of animal experiments and epidemiological studies	Kazutaka Doi	National Institutes for Quantum Science and Technology	Megumi Sasatani	Hiroshima University	Conti
Simulation studies on statistical challenges in the prospective follow-up of clinical and epidemiological research related to radiation exposure	Kazutaka Doi	National Institutes for Quantum Science and Technology	Shinji Yoshinaga	Hiroshima University	New
Validation of oxidation/anti-oxidant effect in response to low dose rate radiation exposure	LI JIAXIN	TOHOKU University	Megumi Sasatani	Hiroshima University	New
Investigation of the effects of chronic exposure of low dose radiation on animal health	Takahisa Murata	The University of Tokyo	Osamu Kaminuma	Hiroshima University	Conti
Analysis of the protective effect of X-rays against amyloid-β-induced neurotoxicity	Shinsuke Katoh	Yokohama University of Pharmacy	Yu Abe	Nagasaki University	New
Induction of genomic instability in mouse hematopoietic stem and progenitor cells by low-dose-rate radiation exposure	Kentaro Ariyoshi	Fukushima Medical University	Megumi Sasatani	Hiroshima University	Conti
Transgenic fish strain for monitoring cellular responses to low-dose radiation	Hayato Yokoi	Tohoku University	Yasuko Honjo	Hiroshima University	Conti
Spatiotemporal Analysis of Thyroid Cancer Incidence in Fukushima	Takahiro Otani	Aichi Cancer Center Research Institute	Furuya Fumihiko	Fukushima Medical University	New

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Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New.・Conti.
Cohort Analysis of Thyroid Cancer Incidence in Fukushima, Japan -Fukushima Health Management Survey-	HIDETO TAKAHASHI	TEIKYO HEISEI UNIVERSITY	Furuya Fumihiko	Fukushima Medical University	New
Analysis of the effect of low-dose radiation exposure in the mouse preimplantation period	Akiko Nagamachi	The Foundation for Biomedical Research and Innovation at Kobe	Osamu Kaminuma	Hiroshima University	Conti
Development and application of health risk mapping associated with external exposure to terrestrial gamma ray in Japan—development of measurement technique of terrestrial gamma ray—	Yasutaka Omori	Hirosaki University	Shinji Yoshinaga	Hiroshima University	Conti
Understanding of the impact of discharged wastewater to rainfall over Japan	Naoyuki Kurita	Nagoya University	Hiroshi Yasuda	Hiroshima University	Conti
Effect of low-dose radiation form CT exposure	Tsubokawa Norifumi	Hiroshima University Hospital	Yoichi Hamai	Hiroshima University	Conti
Effects of extracellular vesicles from mesenchymal stem cells on radiation-induced tissue injury	Naoki Ishiuchi	Hiroshima University	Yukihito Higashi	Hiroshima University	Conti
Priority-Based Automated Analysis of Low-Dose Radiation Response (γ H2AX Foci) Cells in Wide-Field Images	Tamiki　Komatsuzaki	Hokkaido University	Tomonobu Watanabe	Hiroshima University	New

【Projects responding to Fukushima Nuclear Power Plant accident】
2.Development of diagnostic and treatment methods for internal radiation exposure

Establishment of a quantitative determination for internal radiation exposure in pregnant women	Masahiko Kanehira	Yamanashi University	Osamu Kaminuma	Hiroshima University	Conti
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

Experimental studies on radioprotective effects of Curcumin analogues, GO-Y030, GO-Y022 and GO-Y078. Elucidation of radioprotective mechanisms compared to Curcumin	Eiko Nakata	International University of Health and Welfare	Silvia Natsuko Akutsu	Hiroshima University	Conti
Development of a novel radioprotective agent using aged garlic extract	Koji Harada	Hiroshima Cosmopolitan University	Osamu Kaminuma	Hiroshima University	New
Radioprotective capacity of the iron-binding glycoprotein Lactoferrin	Takahiro Fukazawa	Ehime University	Keiji Tanimoto	Hiroshima University	Conti

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Targeting the Mitochondrial Radiation Response to Develop Radioprotective Agents	Shimura Tsutomu	Ntional Institute of Public Health	Megumi Sasatani	Hiroshima University	Conti
Verification of the effect of cyclodextrin on reducing the absorption of radioactive iodine into the body	Shogo Higaki	The University of Tokyo	Kodai Nishi	Nagasaki University	Conti
Phytochemical analysis of herbs for discovering radioprotectan	Katsuyoshi Matsunami	Hiroshima University	Satoshi Tashiro	Hiroshima University	Conti
Development of new drugs for attenuating radiation-induced intestinal injury	Jiang Bin	Nanjing Municipal Hospital of Chinese Medicine	Tao-Sheng Li	Nagasaki University	Conti

【Projects responding to Fukushima Nuclear Power Plant accident】

4.Research on risk communication regarding radiation disasters

Clarify the influence of thyroid cysts on the association between anti-thyroid peroxidase antibody and subclinical hypothyroidism	Asuka Oyama	Osaka Institute of Public Health	Naomi Hayashida	Nagasaki University	New
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
Evaluate the Effects of Subclinical Hypothyroidism on Vascular Endothelial Function by Using a Multifaceted Examination	Shimizu Yuji	Osaka Institute of Public Health	Naomi Hayashida	Nagasaki University	New
Case Studies of Community Public Health Activities After the Fukushima Daiichi Nuclear Power Plant Accident and an Exploration of Methodological Approaches	Yoshitaka Nishikawa	Kyoto University	Seiji Yasumura	Fukushima Medical University	Conti
Evaluate the association between subclinical hypothyroidism and lifestyle by focusing on microcirculation	Nagisa Sasaki	Osaka Institute of Public Health	Naomi Hayashida	Nagasaki University	New
Verification of the Educational Effectiveness of Training Seminars for Fukushima Nuclear Power Plant Workers	RYUJI OKAZAKI	University of Occupational and Environmental Health,Japan	Seiji Yasumura	Fukushima Medical University	Conti
Evaluation study of changes in physical, psychological, and social risk factors that influence health behavior	Takahiro Tabuchi	Tohoku University	Tetsuya Ohira	Fukushima Medical University	Conti
Study for searching radioprotector/radiosensitizer using plasmid DNA damage as indicator	Katsunori Yogo	Nagoya University	Hiroshi Yasuda	Hiroshima University	Conti
Radiation-related risk perception among public health nurses in the Fukushima Prefecture after the accident at the Fukushima Daiichi Nuclear Power Station	Susa Nana	Fukushima Medical University	Noboru Takamura	Nagasaki University	New
Questionnaire survey on medical treatment systems in the event of a radiation disaster	Tsubokawa Norifumi	Hiroshima University Hospital	Yoichi Hamai	Hiroshima University	Conti

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Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New.・Conti.
Analyses on the variations in the air dose rate at the forestry areas in Miyagi and Fukushima Prefectures -data collection and curation together with risk communication using Phits-	Shigeki HARADA	Fukushima University	Seiko Hirota	Hiroshima University	Conti
Co-benefit approach for risk mitigation and substance's cycle regeneration at forestry area via wet oxidation removal of radioactive Cs from forestry biomass and soil	Shigeki HARADA	Fukushima University	Seiko Hirota	Hiroshima University	New
Study of barriers to the prevention of suicidal risks in areas affected by the Chernobyl nuclear power plant disaster	Tamara Sharshakova	Gomel State Medical University	Naomi Hayashida	Nagasaki University	New

【Projects responding to Fukushima Nuclear Power Plant accident】

5.Radiation disaster and social safety management

Evaluation of the Interference of the Deposition Distribution of Radon Progeny 214Pb and 214Bi on Monitoring Results Using an Atmospheric Transport Model	Yu IGARASHI	THE UNIVERSITY OF TOKYO	Seiko Hirota	Hiroshima University	New
Research and development about material and reading method of radiochromic gel dosimeter on effective for emergency exposure response and its application	Hirokazu Miyoshi	Tokushima University	Hiroshi Yasuda	Hiroshima University	Conti
Study of social safety management with introducing Small Modular Reactor in Japan	Kazuji Miwa	Nagoya University	Hiroshi Yasuda	Hiroshima University	New
Study of specific operations regarding indoor sheltering in the event of a radiation disaster and survey of the attitudes of residents living near nuclear power plants	Saito Yoshika	Sendai Kosei Hospital	Tsubokura Masaharu	Fukushima Medical University	Conti
Development of radiophotoluminescence dosimeter for retrospective personal dosimetry after radiation accidents	Hiroki Kawamoto	Tohoku University	Hiroshi Yasuda	Hiroshima University	Conti
Develop BCP formulation manuals for sheltering in place and emergency evacuation of vulnerable health personnel based on lessons learned from the Great East Japan Earthquake.	Saori Nonaka	Minamisoma Municipal General Hospital	Tsubokura Masaharu	Fukushima Medical University	Conti
Radioprotective and Antioxidant Effects of Orengedokutou (Huanglian Jiedu Tang) Against Low-Dose Medical Radiation	Akihiro Kawahara	Hiroshima University Hospital	Satoshi Tashiro	Hiroshima University	Conti

【Other important projects】

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

Analysis of the Relationship between PFAS Sensitivity and DNA　repair pathway	Toshiyuki Habu	Mukogawa Women's University	Megumi Sasatani	Hiroshima University	Conti
Analysis of cellular function of polyubiquitinated PCNA	Yuji Masuda	Nagoya University	Megumi Sasatani	Hiroshima University	Conti

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Role of NBS1 protein in cellular responces to ionizing radiation	Tauchi Hiroshi	Ibaraki University	Silvia Natsuko Akutsu	Hiroshima University	Conti
Toward understanding the coordiation between the integrity of nuclear envelope and the stability of genome	Yasunao Kamikawa	Hiroshima University	Megumi Sasatani	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
Effect of choline deficiency on gene expression and DNA methylation in mice	Noriyuki Yanaka	Hiroshima University	Osamu Kaminuma	Hiroshima University	Conti
Analysis of the mechanisms involved in radiosentitivity of malignant glioma cells	Seiji Hama	Hiroshima University	Silvia Natsuko Akutsu	Hiroshima University	Conti
Live Imaging Analysis of Cellular Dynamics in 3D Cultured Cells Exposed to Radiation	Hiromi Yanagihara	National Institutes for Quantum Science and Technology	Silvia Natsuko Akutsu	Hiroshima University	Conti
BRCA1 Haploinsufficiency in Normal Mammary Cells and Its Role in Genome Maintenance and Radiation Sensitivity	Tatsuhiko Imaoka	National Institutes for Quantum Science and Technology	Silvia Natsuko Akutsu	Hiroshima University	New
Elucidation of the mechanism of DNA excision repair induced by radiation and its medical application	Hiroyuki Niida	Hamamatsu University School of Medicine	Norisato Mitsutake	Nagasaki University	Conti
Analysis of the molecular mechanism of the genomic instability in carcinogenesis	Tomoko Ishikawa-Fujiwara	The University of Osaka	Megumi Sasatani	Hiroshima University	Conti
Molecular pathogenesis of myeloid neoplasms with germline predisposition	Hirotaka Matsui	National Cancer Center Hospital	Yasuko Honjo	Hiroshima University	New
Analysis of cellular strategy of autophagy-dependent cancer cell growth	KANJI FURUYA	Kyoto University	Yasuko Honjo	Hiroshima University	Conti
Roles of the hypoxia-inducible factor-α in radiation sensitivity	Yuichi Makino	Asahikawa Medical University	Keiji Tanimoto	Hiroshima University	Conti
Roles of epigenomic modification on DNA damage response under hypoxic conditions	Akemi Sato	Saga University	Keiji Tanimoto	Hiroshima University	New
Regulation of chromatin structures involved in repair of UV-induced DNA damage	Kaoru Sugasawa	Kobe University	Satoshi Tashiro	Hiroshima University	Conti
Effects of radiation on development and aging in zebrafish	Hiromi Hirata	Aoyama Gakuin University	Yasuko Honjo	Hiroshima University	Conti
Elucidating the Role of Splicing Factors in DNA Damage Repair after Radiation Exposure	Motohiro Yamauchi	Kyushu University	Yu Abe	Nagasaki University	New

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Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New.・Conti.
Study on the mechanism of zyogtic genome activation using early rat embryos	Kohtaro Morita	RIKEN	Osamu Kaminuma	Hiroshima University	Conti
Roles of cancer suppressor factors in resistance to radiation-induced DNA damages	Chiharu Uchida	Hamamatsu University School of Medicine	Norisato Mitsutake	Nagasaki University	Conti
Genetic analysis of the mechanism of repair of clustered DNA damage	Aya Kurosawa	Gunma University	Norisato Mitsutake	Nagasaki University	New
The Function and Molecular Mechanism of DHODH in DNA Damage Response	ZHANG JING	Shijiazhuang Obstetrics and Gynecology Hospital	Tao-Sheng Li	Nagasaki University	New
Roles of novel hypoxia inducible gene EFEMP2 on radiation responses	Shoichi Fumoto	Oita-Nakamura Hospital / Oita University	Keiji Tanimoto	Hiroshima University	New
Prone occurring of dicentric chromosome in MEF derived from LIG4 deficient mouse.	Shiraishi Kazunori	OSAKA Metropolitan University	Megumi Sasatani	Hiroshima University	New
Studies on Bleomycin-induced EBV-positive cancer selective cell death	Hisashi Iizasa	Shimane University	Silvia Natsuko Akutsu	Hiroshima University	Conti
Molecular Basis for Advancing Radiation Medical Science Using Model Cells/Animals	Takuya IMAMURA	Hiroshima University	Osamu Kaminuma	Hiroshima University	Conti
Analysis of DNA double strand break repair in the presence of inflammatory cytokines.	Mayu Isono	Keio University	Norisato Mitsutake	Nagasaki University	Conti
Elucidation of the mechanism underlying chromatin remodeling that promotes DNA double-strand break repair after ionizing radiation	Hikaru Okumura	Keio University	Norisato Mitsutake	Nagasaki University	Conti
Elucidating the correlation between radiation-induced DSB formation regions and the occurrence of deletion mutations	Atsushi Shibata	Keio University	Norisato Mitsutake	Nagasaki University	New
The role of TIP60 histone acetyltransferase complex in radiation-induced DNA damage response	Tsuyoshi Ikura	Kyoto University	Satoshi Tashiro	Hiroshima University	Conti
Interaction between nuclear DNA damage and mitochondrial DNA damage	Mari Ishida	Hiroshima Shudo University	Satoshi Tashiro	Hiroshima University	Conti
Hypoxia signal and DNA damage response in aging	Ujjal K. Bhawal	Nihon University	Keiji Tanimoto	Hiroshima University	Conti
Novel responsible genes of diseases with genomic instability around the Chernobyl area	Tomoo Ogi	Nagoya University	Norisato Mitsutake	Nagasaki University	Conti
Histone H3K36 methyltranseferase functions in DNA repair	Kiyoe URA	Chiba University	Satoshi Tashiro	Hiroshima University	Conti

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Analysis of the role of histone H2AZ ubiquitination in the maintenance of Genome	Kouji Hirota	Tokyo Metropolitan University	Satoshi Tashiro	Hiroshima University	Conti
In situ DNA damage response for cancer prediction in ulcerative colitis and radiation colitis	Yuko Akazawa	Nagasaki University	Masahiro Nakashima	Nagasaki University	Conti
Role of DNA damage response in squamous cell carcinoma of pharinx	Yuko Akazawa	Nagasaki University	Masahiro Nakashima	Nagasaki University	Conti
Establishing a Mammalian Cell Model to Elucidate Developmental Stage-Dependent Radiation Response and Organelle Function	SATOH AYANO	Okayama University	Yasuko Honjo	Hiroshima University	New

【Other important projects】

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

Analysis of myelodysplastic syndromes/myeloproliferative disorders in atomic bomb survivors	DAISUKE IMANISHI	Nagasaki Goto Chuoh Hospital	Koji Ando	Nagasaki University	Conti
Study on macrophage mediated radioresistance in cancer cells	Nakata Yuichiro	Chiba University	Osamu Kaminuma	Hiroshima University	Conti
Development of estimation protocol for radiosensitivity of indivitual using iPS cells and Raman spectroscopy	Masanobu Horie	Kyoto University	Hideaki Fujita	Hiroshima University	Conti
Study of the role of irradiation-induced mtDNA damage responses in tumorigenesis	Noritaka Yamaguchi	Chiba University	Osamu Kaminuma	Hiroshima University	Conti
Signature analysis of ionizing radiation-induced somatic mutations in hematopoietic stem cells	Yukiko Matsuda	Radiation Effects Research Foundation	Megumi Sasatani	Hiroshima University	Conti
Investigation of the role of a mitochondrial protein in resistance to irradiation in tumor cells.	Takakura Yuki	Chiba University	Osamu Kaminuma	Hiroshima University	Conti
Molecular mechanisms of radio-resistance in thyroid cancers	Aya Tanaka	Nagasaki University	Norisato Mitsutake	Nagasaki University	Conti
Molecular mechanisms of cell death and plasma membrane damage response	Kenta Moriwaki	Hiroshima University	Osamu Kaminuma	Hiroshima University	Conti
Elucidation of the mechanisms of cancer cell growth suppression through selective control of NFAT isoforms and its application to radiation carcinogenesis research	Midori Shimada	Nagoya University	Osamu Kaminuma	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

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Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New.・Conti.
Mechanisms of DNA damage responses in hypoxic cancer cells	Hidetaka Eguchi	Juntendo University	Keiji Tanimoto	Hiroshima University	Conti
Comprehensive understanding of host immune surveillance to develop innovative cancer therapies	Yasuda Tomoharu	Hiroshima University	Osamu Kaminuma	Hiroshima University	Conti
Effects of oxidative stress response on ionizing radiation-induced murine leukemogenesis	Osamu Tanabe	Radiation Effects Research Foundation	Satoshi Tashiro	Hiroshima University	Conti
Development of anticancer drugs targeting the error-prone DNA repair pathway activated in cancer cells after Ionizing radiation	Kohzaki Masaoki	University of Occupational and Environmental Health,Japan	Norisato Mitsutake	Nagasaki University	New
A study of DNA mutations in hematopoietic cells following fetal irradiation of mice	Kanya Hamasaki	Radiation Effects Research Foundation	Megumi Sasatani	Hiroshima University	Conti
Novel therapeutic approaches targeting L-type amino acid transporters for radiationinduced cancer treatment	Keitaro Hayashi	Dokkyo Medical University School of Medicine	Osamu Kaminuma	Hiroshima University	Conti
Exploring carcinogenesis mechanisms and prevention in Mlh1 gene-deficient mouse model.	Morioka Takamitsu	National Institutes for Quantum Science and Technology	Megumi Sasatani	Hiroshima University	New
Genomic analysis of radiation-induced tumors for assessing second cancer risk after radiation therapy	Chizuru Tsuruoka	National Institutes for Quantum Science and Technology	Megumi Sasatani	Hiroshima University	New
Study of rultraviolet (U.V.) exposed induced senescence in HCE-T cells(2)	Wang Duo	University of Occupational and Environmental Health,Japan	Norisato Mitsutake	Nagasaki University	Conti
Analysis of immune-associated gene expression after ionizing radiation	Shunji Haruna	Keio University	Norisato Mitsutake	Nagasaki University	Conti
Elucidation of anti-tumor immune response in malignant brain tumors after ionizing radiation	Ishikawa Takaaki	Keio University	Norisato Mitsutake	Nagasaki University	New
Impact of aberrant protein post-translational modifications on stress responses and differentiation/proliferation control in hematopoietic cells	Takeshi Ueda	Kindai University	Osamu Kaminuma	Hiroshima University	Conti
Role of DNA G-quadruplex structures in the regulation of radiation-responsive gene expression	Keiko Kawauchi	Konan University	Hideaki Fujita	Hiroshima University	Conti
Molecular patterns and clinical implications of KRAS, NRAS, BRAF and TERT promoter mutations in colorectal cancer from patients who lived in contaminated by radionuclides and non-contaminated areas of the Republic of Kazakhstan	Saule Rakhimova	Center for Life Sciences, PI National Laboratory Astana, AOE Nazarbayev University	Vladimir Saenko	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	Conti
Investigation of mechanisms underlying brain metastasis formation in small cell lung cancer using a xenograft mouse model	Shuichi Sakamoto	Microbial Chemistry Research Foundation	Megumi Sasatani	Hiroshima University	Conti

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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
Mathematical model for understanding of the early onset hypothesis and the accumulated transition carcinogenesis.	Isao Kawaguchi	National Institutes for Quantum Science and Technology	Shinji Yoshinaga	Hiroshima University	Conti
Role of Non-Canonical Activation of Receptor Tyrosine kinase and Its Correlation with Radiosensitivity in Lung and Head and Neck Squamous Cell Carcinoma	Hiroaki Sakurai	University of Toyama	Osamu Kaminuma	Hiroshima University	New
Examination for the enhanced effect of tumor suppression on senesced pancreatic cancer cells by combination of anti-cancer and targeted drugs	Nishimoto Arata	Sanyo-Onoda City University	Tao-Sheng Li	Nagasaki University	Conti
Detection of mutational signatures in the cancer tissue of Nagasaki atomic bomb survivors	Yuko Akazawa	Nagasaki University	Masahiro Nakashima	Nagasaki University	Conti
Development of novel cancer therapeutics focusing on cellular response to DNA replication stress	Kimiyoshi Yano	Hiroshima University	Satoshi Tashiro	Hiroshima University	Conti

【Other important projects】

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

Analyses of mechanisms underlying lung fibrosis, and serach for target molecules for drug development	Takeshi Nabe	Setsunan University	Osamu Kaminuma	Hiroshima University	Conti
Elucidation of mechanisms underlying acquisition of steroid resistance in immune cells	Masaya Matsuda	Setsunan University	Osamu Kaminuma	Hiroshima University	Conti
Development of Technologies to Prevent Electromagnetic-Interference-Induced Malfunctions of Electronic Personal Dosimeters and Establishment of a Practical Dose Management System in Nuclear Disaster Medicine	AKIRA　SUZUKI	Japanese Red Cross Sendai Hospital	Kenta Miwa	Fukushima Medical University	New
Mouse model study of clonal hematopoiesis and cardiovascular disease	Yoichiro Kusunoki	Radiation Effects Research Foundation	Megumi Sasatani	Hiroshima University	Conti
Nail dosimetry using EPR(Electron Paramagnetic Resonace)	Minoru Miyake	Kagawa University	Hiroshi Yasuda	Hiroshima University	Conti
Elucidating the expression and function of the collagen receptor DDR1 in group 2 innate lymphoid cells (ILC2s)	Yuya Sannomiya	Setsunan University	Osamu Kaminuma	Hiroshima University	New
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.
【Other important projects】 4.Basic research on regenerative medicine approaches to improve radiation treatment					
Regenerative medicine in cardiovascular diseases	Masato Kajikawa	Hiroshima University Hospital	Yukihito Higashi	Hiroshima University	Conti
Analysis of inflamatory responses induced by necrotic sells	KIsaburo NAGATA	Toho University	Osamu Kaminuma	Hiroshima University	Conti
Elucidating the role of T cell repertoire variation in disease pathogenesis	Inoue Kimiko	RIKEN	Osamu Kaminuma	Hiroshima University	Conti
Vaccine development targeting senescent cells induced by DNA damage	Hironori Nakagami	The University of Osaka	Yukihito Higashi	Hiroshima University	New
Analysis of the function of cardiac muscle cells	Chikara　Goto	Hiroshima International University	Yukihito Higashi	Hiroshima University	Conti
Elucidation of the Impact of Qualitative Impairment (Clonal Hematopoiesis) Latent in Bone Marrow Cells on Pulmonary Fibrosis	Taku Nakashima	Hiroshima University	Yoichi Hamai	Hiroshima University	New
Study of COVID-19 pneumonia using mouse model	Masaya Fukushi	Hiroshima University	Osamu Kaminuma	Hiroshima University	New
Reprogramming of human bone marrow-derived mesenchymal stem cells and treatment of radiation damage to normal tissues	Takuma Hashimoto	Tohoku University	Silvia Natsuko Akutsu	Hiroshima University	Conti
Investigation of the effects of mesenchymal stem cells on radiation-induced cardiovascular lesions	Takahiro Harada	Hiroshima University	Yukihito Higashi	Hiroshima University	Conti
Development of therapeutic strategy using plant derived extracellular vesicle for musculoskeletal disorder	NOBUO ADACHI	Hiroshima University	Yukihito Higashi	Hiroshima University	New
【Other important projects】 5.Evaluative research on health effects and health risks associated with radiation disasters					
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
Relationship between family setting and future obesity after radiation disasters in women: Fukushima Prefectural Health Survey	Nanae Tanemura	Fukushima 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

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Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New.・Conti.
Long-term trend of the subjective health: the Fukushima health management survey	Nagai Masato	Iwate Medical University	Tetsuya Ohira	Fukushima Medical University	Conti
Research on health effects, social issues and their quantitative evaluation following Radiation Disasters using Artificial Intelligence (AI)	Yoshimura Hiroki	National Disaster Medical Center	Tsubokura Masaharu	Fukushima Medical University	New
Molecular mechanisms of cellular and DNA damage induced by 211At	Sogawa Chizuru	The University of Tokyo	Takahashi Kazuhiro	Fukushima Medical University	New
Assessment of the Effects of Radiation Exposure on the Gut Microbiome	Fumiko Higashikawa	Hiroshima University Hospital	Osamu Kaminuma	Hiroshima University	New
Estimation of environmental dynamics and indoor dose calculation for natural radon focusing on ins-situ experiments in the Japanese living environments	Hasan Md Mahamudul	The University of Tokyo	Shinji Yoshinaga	Hiroshima University	New
Relationship between dietary patterns after radiation disasters and future mental distress: Fukushima Prefectural Health Survey	Junko Yoshida	Fukuyama 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	The University of Osaka	Seiji Yasumura	Fukushima Medical University	Conti
Clonal hematopoiesis-related somatic mutation analyses in Hiroshima atomic-bomb survivors	Kengo Yoshida	Radiation Effects Research Foundation	Masahiro Nakashima	Nagasaki University	Conti
Elucidating radiation effects on T-cell receptor repertoire: Integrated analyses of atomic-bomb survivors and mouse models	Kengo Yoshida	Radiation Effects Research Foundation	Osamu Kaminuma	Hiroshima University	New
Association between parity status and after great disaster psychological stress tolerance	Yasukawa　Sumiyo	Okayama University	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	Conti
Analysis of Loss of Life Expectancy and Excess Mortality in Fukushima Prefecture Before and After the Great East Japan Earthquake	Saito Hiroaki	Soma Central Hospital	Tsubokura Masaharu	Fukushima Medical University	New
The effects of post-disaster lifestyle changes on the results of health checkups among children and adolescents	Yamagishi Kazumasa	Juntendo University	Tetsuya Ohira	Fukushima Medical University	Conti
Association between sleep state and mental health state among elementary school children	Takeshi Tanigawa	Juntendo University	Tetsuya Ohira	Fukushima Medical University	Conti
The impact of a disaster on smoking behavior after the Great East Japan Earthquake	Risa Murakami	Kobe University	Tetsuya Ohira	Fukushima Medical University	Conti

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Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New.・Conti.
Association of radiation exposure with atherosclerosis and cardiovascular disease among atomic bomb survivors	Nobuo Sasaki	Hiroshima Atomic Bomb Casualty Council	Yukihito Higashi	Hiroshima University	Conti
Effects of Radiation Exposure on Kidney	Nishiyama Akira	Kagawa University	Yukihito Higashi	Hiroshima University	Conti
Socio-economic and disaster status and daily life independence level among older people: A longitudinal study based on the Fukushima Health Management Survey	Tomo Takasugi	Kindai University	Seiji Yasumura	Fukushima Medical University	Conti
Understanding the Health Impacts of Environmental Stressors: Global Health Studies on Radiation and Air Pollution	Yuna Sakai	Hirosaki University	Shinji Yoshinaga	Hiroshima University	New
The biology mechanism of reducing effect of hypomagnetic field to cellular ferroptosis in mediating radioadaptive response	Ning-Ang Liu	School of Radiation Medicine and Protection, Suzhou Medical College of Soochow University, China	Son Keiei	Hiroshima University	Conti
Clinical Characteristics of Hereditary Breast Cancer in an Area around the Fukushima Daiichi Nuclear Power Station: A Single-Institution Retrospective Observational Analysis of Genetic Tests After the Fukushima Nuclear Disaster	GONDA KENJI	Jyoban Hospital of Tokiwa Foundation	Tohru Ohtake	Fukushima Medical University	New
Immune Responses in Radiation Disasters	Yuki Mitani	Hiroshima University	Nobuyuki Hirohashi	Hiroshima University	New

【Other important projects】

6.Application of radioisotopes to medical diagnosis and treatment

Research for astatine chemical characteristics	Ichiro Nishinaka	National Institutes for Quantum Science and Technology	Kohshin Washiyama	Fukushima Medical University	Conti
Development of probes for radiotheranostics containing alpha emitter radionuclides	Kazuma Ogawa	Kanazawa University	Takahashi Kazuhiro	Fukushima Medical University	Conti
Development of a SPECT Data Integration Platform for RT-PHITS-Based Absorbed-Dose Evaluation in Nuclear Medicine Therapy	Takuro Shiiba	Kumamoto University	Naoyuki Ukon	Fukushima Medical University	New
Development of 211At radiolabeling reaction via aryl boronic acid or ester precursor and its application to radio-theranostics probes	Hiroyuki Kimura	Kyoto University	Yuto Kondo	Fukushima Medical University	Conti
The development of clearing agent for drug delivery system	Tatsumi Toshifumi	The University of Tokyo	Kohshin Washiyama	Fukushima Medical University	Conti
Analysis of Staphylococcus aureus derived from atopic dermatitis and innate immunity	msasaya moriwaki	Hiroshima University	Osamu Kaminuma	Hiroshima University	Conti

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Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New.・Conti.
Development of radiotheranostic probes using cancer-specific metabolic mechanisms	Mizutani Asuka	Kanazawa University	Kohshin Washiyama	Fukushima Medical University	Conti
Evaluation of radiopharmaceutical accumulation in Streptococcus pyogenes in imaging of bacterial infections.	Mizutani Asuka	Kanazawa University	Kodai Nishi	Nagasaki University	Conti
Attempts to treat medical radioactive wasteliquid without relying on drainage equipment	Hirota Masahiro	Shinshu University	Kodai Nishi	Nagasaki University	Conti
Effects of Acyl-CoA metabolic regulation on glucose metabolic function in the liver and skeletal muscle	Takayuki Ohtomo	Tokyo University of Pharmacy and Life Sciences	Osamu Kaminuma	Hiroshima University	New
Prediction of Bone-Marrow Suppression in Lu-177-DOTATATE Therapy Using a Novel Bone-Metastasis Evaluation Metric	Kosuke Yamashita	Kumamoto University	Kenta Miwa	Fukushima Medical University	New
Development of radioisotope therapy agents for drug-resistant bacterial infection	Masato Kobayashi	Kanazawa University	Kodai Nishi	Nagasaki University	New
Development of a new therapeutic strategy for aspergillosis using radioisotopes	Masato Tashiro	Yokohama City University	Kodai Nishi	Nagasaki University	Conti
Elucidating the pathogenesis of hematological malignancy via DNA damage and oxidative stress and development of novel therapy	Hiroki Goto	Kumamoto University	Koki Hasegawa	Fukushima Medical University	Conti
Prediction of Salivary Gland Toxicity Using a Physiologically Based Radiopharmaceutical Pharmacokinetic (PBRPK) Model in Lu-177-PSMA Therapy	Masaki Masubuchi	Fukushima Medical University	Kenta Miwa	Fukushima Medical University	New
Development of alpha and beta particle-labeled radiopharmaceuticals for nuclear medicine therapy: Mechanism analysis of radiation injury and molecular design for reducing exposure	TAKESHI FUCHIGAMI	Kanazawa University	Kodai Nishi	Nagasaki University	Conti
Development of dynamic cardiac phantom for clinical uses of 18F-labelled myocardial perfusion imaging tracer	Koichi Okuda	Hirosaki University	Naoyuki Ukon	Fukushima Medical University	Conti
Development of Standardized Methods for Individualized Dosimetry in Radionuclide Therapy	Yuto Kamitaka	Nagoya University	Kenta Miwa	Fukushima Medical University	New

【Other important projects】
7.Medical radiation research

Development of Radioprotective Agents Targeting Inflammatory Platforms	Akinori Morita	Tokushima University	Megumi Sasatani	Hiroshima University	Conti
Development of novel radiosensitizing therapy for malignant brain tumors using photosensitizer precursor; 5-aminolevulinic acid	Mishima Kazuhiko	Saitama Medical University	Osamu Kaminuma	Hiroshima University	Conti

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Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New.・Conti.
Development of a three-dimensional gel dosimeter for QC/QA in high-precision radiotherapy	Shin-ichiro Hayashi	Hiroshima International University	Seiko Hirota	Hiroshima University	New
Evaluation of the Effectiveness of Radiation Protective Gloves in Reducing Orthopedic Surgeons' Hand Exposure	Keisuke Nagamoto	University of Occupational and Environmental Health,Japan	Satoshi Tashiro	Hiroshima University	Conti
Research on the mechanism of radiation-induced taste disorders	Masaru Konishi	Hiroshima University Hospital	Silvia Natsuko Akutsu	Hiroshima University	Conti
Analysis of the effects of radiation-induced reproductive death on fibroblast function and fibrosis	Kiichi Shimabukuro	Hiroshima University	Silvia Natsuko Akutsu	Hiroshima University	New
Exploration of circadian clock alterations in radiation dermatitis	Tomofumi Numata	Hiroshima University	Osamu Kaminuma	Hiroshima University	New
Evaluation of film materials to avoid the spread of volatile radionuclides	Makoto Tanabe	Fukushima Medical University	Kohshin Washiyama	Fukushima Medical University	Conti
Estimation of Radiation Dose for Radiation Workers in Medical Institutions Using Non-Invasive Electron Spin Resonance Method	Koichi Morota	National Institute of Public Health	Hiroshi Yasuda	Hiroshima University	New
Research on the Traceability of At-211	Chihiro Shimodan	National Institute of Advanced Industrial Science and Technology (AIST)	Kohshin Washiyama	Fukushima Medical University	Conti
Development of a method to enhance the release of DAMPs from cancer cells to enhance the therapeutic effect of radioimmunotherapy.	Sato Kakeru	Kanazawa University	Kodai Nishi	Nagasaki University	Conti
Protective effect of p53 regulators against intestinal damage after multiple-dose irradiation	Yuichi Nishiyama	Tokushima University	Megumi Sasatani	Hiroshima University	Conti
A Study on the Optimization of Radiation Exposure in Companion Animal Medicine Applying Radiation Protection Principles from Human Medicine	Hiromi Koike	The University of Tokyo	Sumi Yokoyama	Nagasaki University	New
Analysis of abscopal effect in boron neutron capture therapy	TONG ying	Nagasaki University	Masahiro Nakashima	Nagasaki University	Conti
Study of BNCT as therapeutic susceptibility biomarker	Gao Zhongming	Nagasaki University	Masahiro Nakashima	Nagasaki University	New
Implementation and Evaluation of Radiographic Dose Optimization Based on J-DRLs 2025	Yoshiaki Hirofuji	Fukushima Medical University	Takashi Ohba	Fukushima Medical University	New
Study on the mechanisms related to radiotherapy-induced changes in tumor mechanical microenvironment leading to radiotherapy resistance in non-small cell lung cancer (NSCLC) and drug screening	Cai Jing	The Second Affiliated Hospital of Nanchang University	Tao-Sheng Li	Nagasaki University	New

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Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New.・Conti.
【Open-topic projects】					
Neural basis of adaptive behaviors coping stress	Hidenori Aizawa	Hiroshima University	Yukihito Higashi	Hiroshima University	Conti
Investigation of the pathophysiology for hereditary neurological diseases	Masahiro Nakamori	Hiroshima University	Kodai Kume	Hiroshima University	Conti
Search for novel therapeutic targets for knee osteoarthritis	Morioka Norimitsu	Hiroshima University	Keiji Tanimoto	Hiroshima University	Conti
Analysis of the role of innate lymphoid cell in pulmonary arterial hypertension	Susumu Nakae	Hiroshima University	Yukihito Higashi	Hiroshima University	Conti
Pain awareness and risk of fractures in the disaster: a prospective cohort study from the Fukushima Health Management Survey	Yoshihiro Fuji	Kindai University	Tetsuya Ohira	Fukushima Medical University	New
The expression of CD109 in differentiated high-grade thyroid carcinoma(DHGTC) and its molecular pathological analysis	Cohen Tomoko	Nagasaki University	Katsuya Matsuda	Nagasaki University	Conti
Development of genome-editing technology useful for creating mouse models to analyze the effects of radiation	Aoto Kazushi	Hiroshima University	Osamu Kaminuma	Hiroshima University	Conti
Elucidation of the mechanisms of environmental chemical toxicity and disease pathogenesis focusing on morphological and functional changes in organelles	Masatsugu Miyara	Hiroshima University	Keiji Tanimoto	Hiroshima University	Conti
Investigation of factors that affect anti-inflammatory effects of adipose-derived mesenchymal stromal cells	Ryohei Ogino	Hiroshima University	Keiji Tanimoto	Hiroshima University	New
Neuroprotective effects of ROCK inhibitors on retinal ganglion cells	Ayaka Edo	Hiroshima University	Satoshi Tashiro	Hiroshima University	Conti
Functional analysis of primary cilia using knockout cells	Koji Ikegami	Hiroshima University	Osamu Kaminuma	Hiroshima University	Conti
The regulatory role of altered biomechanical cues in breast cancer cell properties	Ma Jingjing	Affiliated Drum Tower Hospital, Medical School of Nanjing University	Tao-Sheng Li	Nagasaki University	New
Effect of antibiotic and hormonal therapy on intrauterine microbial colonization in endometriosis	Khaleque Khan	Kyoto Prefectural University of Medicine	Masahiro Nakashima	Nagasaki University	Conti
Investigation of the effect of Low Intensity Pulsed Ultra - Sound (LIPUS) on disuse atrophy	Yoshimoto Tetsuya	Hiroshima University Hospital	Yukihito Higashi	Hiroshima University	Conti

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Joint Research Title	Joint Researcher (Representative)	Affiliated Organization	Resident Researcher (Representative)	Affiliated Organization	New.・Conti.
Application of Integrator Complex Subunit 6 for Molecular Targeted Therapy in Hepatocellular Carcinoma	Kanno Keishi	Prefectural University of Hiroshima	Yukihito Higashi	Hiroshima University	Conti
Inhibition of invasive potential by blocking 14-3-3γ/MDMX binding in TP53-mutated breast cancer and a novel therapeutic strategy	EMIKO HIRAOKA	Hiroshima Prefectural Hospital	Morihito Okada	Hiroshima University	Conti
Investigation of a Three-Cytokine-Expressing Viral Approach for Patients With BCG-Unresponsive Bladder Cancer	Kohei Kobatake	Hiroshima University	Osamu Kaminuma	Hiroshima University	New
Roles of tuft cells in the pathogenesis of intestinal inflammation of obesity	Takuya Suzuki	Hiroshima University	Takero Shindo	Hiroshima University	Conti
Kinetic analysis of LAT1 expression and mTOR activation in ovarian cancer	Kosuke Nakamoto	Hiroshima University Hospital	Satoshi Tashiro	Hiroshima University	Conti
Molecular Basis of Intellectual Disability in Sotos Syndrome and Therapeutic Candidate Discovery (1)	Hidenobu Soejima	Saga University	Koh-ichiro Yoshiura	Nagasaki University	New
Functional analysis of calsequestrin mutant protein	Yuko Noda	Akane Foundation Tsuchiya General Hospital	Yukihito Higashi	Hiroshima University	Conti
The relationship between population movements around the Great East Japan Earthquake and geographical characteristics	Yuta Inoue	Tokushima University	Seiji Yasumura	Fukushima Medical University	New
Elucidation of epigenetic regulation for brown fat development	Haruya Ohno	Hiroshima University Hospital	Tatsuya Maruhashi	Hiroshima University	Conti
Molecular-Genetic Study of BRAF V600 and H3K27M Mutations in Kazakh Pediatric Patients with Central Nervous System Gliomas	Raigul Nussupova	University Medical Center	Masahiro Nakashima	Nagasaki University	New
Establishment of bone density evaluation method using a novel bone cutting drill	Reiko Kobatake	Hiroshima University	Yukihito Higashi	Hiroshima University	Conti
Elucidation of the mechanism of immune response regulation by exercise	Daisuke Shiiba	Kurashiki University of Science and the Arts	Keiji Tanimoto	Hiroshima University	Conti
Prolyl isomerasea are committed to the onset of both cancer and metabolic syndromes	Nakatsu Yusuke	Hiroshima University	Megumi Sasatani	Hiroshima University	Conti
Analysis of genes involved in the development of neuroblastoma	Kanda Akifumi	Hiroshima University	Keiji Tanimoto	Hiroshima University	Conti
influences of dam exercise on metabolism in offspring	Fujita Naoto	Hiroshima University	Keiji Tanimoto	Hiroshima University	Conti
Elucidation of intramyocardial calcium dynamics in A kinase anchor protein mutants	Yukiko Nakano	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.
Comprehensive analysis study of extracellular vesicles	Kenichi Kawano	Hiroshima University	Megumi Sasatani	Hiroshima University	New
inducible gene expression system	Teruhisa Fujii	Hiroshima University Hospital	Satoshi Tashiro☒	Hiroshima University	Conti
The analysis of cancer genome and circulation tumor DNA for gastrointestinal cancer	Yuji Urabe	Hiroshima University Hospital	Megumi Sasatani	Hiroshima University	Conti
Mechanistic analysis of SGLT2 inhibitor-mediated suppression of hyperkalemia through NCC	Ryo Yakushiji	Hiroshima University Hospital	Megumi Sasatani	Hiroshima University	New
Analysis of transplantation and tumor antigen-specific immune response	Hideki Ohdan	Hiroshima University	Satoshi Tashiro	Hiroshima University	Conti
Maintenance of skeletal muscle homeostasis in hibernating animals through active hypometabolism	Mitsunori Miyazaki	Hiroshima University	Keiji Tanimoto	Hiroshima University	Conti
Evaluation of the effect of position and time dependence on the spectral noise structure in whole-body counter: a study using noise power spectrum analysis	Kakuta Kazuya	Teikyo University	Takashi Kudo	Nagasaki University	New
Molecular epidemiological analysis of Enterobacter hormaechei subsp. steigerwaltii two strains differentially antimicrobial susceptible to carbapenem isolated	Toshinori Hara	Hiroshima University	Megumi Sasatani	Hiroshima University	New