

DEPARTMENT OF CLINICAL STUDIES

Publications and Meeting Presentations

1) Published and in-press reports (2021 - Current):

<2023 - Current >

1. Hayashi T, Kato N, Furudoi K, Hayashi I, Kyoizumi S, Yoshida K, Kusunoki Y, Furukawa K, Imaizumi M, Hida A, Tanabe O, Ohishi W. Early-life atomic-bomb irradiation accelerates immunological aging and elevates immune-related intracellular reactive oxygen species. *Aging Cell*, 2023; 22(10): e13940
2. Kitamura H, Ishihara K, Kato N, Misumi M, Hida A, Yamada M. Neurocognitive function in aged survivors exposed to atomic bomb radiation in utero: The Radiation Effects Research Foundation Adult Health Study. *Radiat Res*, 2023; 200(5): 503-7
3. Nakashima Y, Imaizumi M. Differential diagnosis and treatment for hypothyroidism. *Tonyobyonaibunpitsu practice web 2023* (in Japanese): a0052
4. Nakamizo T, Cologne J, Kishi T, Takahashi T, Inoue M, Ryukaku H, Hayashi T, Kusunoki Y, Fujiwara S, Ohishi W. Reliability, stability during long-term storage, and intra-individual variation of circulating levels of osteopontin, osteoprotegerin, vascular endothelial growth factor-A, and interleukin-17A. *Eur J Med Res*, 2024; 29(1): 133 <https://doi.org/10.1186/s40001-024-01722-w>
5. Nakamizo T, Misumi M, Takahashi T, Kurisu S, Matsumoto M, Tsujino A. Female “paradox” in atrial fibrillation – Role of left truncation due to competing risks. *Life*, 2023; 13(5): 1132
6. Nakamura N, Yoshida N, Suwa T. Three major reasons why transgenerational effects of radiation are difficult to detect in humans. *Int J Radiat Biol*, 2023; 1-29
7. Nara N, Shimizu M, Yamamoto M, Nakamizo T, Hayakawa A, Johkura K. Prolonged platelet hyperactivity after COVID-19 infection. *Br J Haematol*, 2023/10/11 [Epub]: 1-5
8. Ohishi W. Hepatocellular carcinoma risk of radiation exposure and hepatitis virus infection. *Nippon Rinsho [Jpn J Clin Med]*, 2023; 81 (S7): 362-6 (in Japanese)
9. Ohishi W, Kitamura H. Headquarters and sub-investigation committee reports – The clinical investigation subcommittee (I). MHLW Clinical Research Grant for Work-related Injuries and Illness Epidemiological Study of Health Effects in Fukushima Nuclear Emergency Workers (Epidemiological study on emergency workers at TEPCO Fukushima Daiichi Nuclear Power Plant) *Phase 2 (FY2019-FY2023) Third-Party Evaluation Committee Report 2023 (March)*: pp27-30 (in English and Japanese)
10. Okubo T, Akashi M, Eguchi H, Ohishi W, Ogami A, Ozasa K, Kitamura H, Kurihara O, Sasaki H, Suto Y, Sobue T, Taniguchi N, Tsujimura N, Tomonaga K, Hoshi H, Huan H, Mafune K, Mizoue T, Miyakawa M, Momose T, Yoshinaga S. FY 2022 Report of Epidemiological Study of Health Effects in Radiation Workers. *Report of Epidemiological Study of Health Effects in Radiation Workers 2023 (March)*; FY2022: 301p (in Japanese)

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11. Ono S, Ohishi W. Significance and issues of the data standardization in archiving A-bomb survivors materials and samples. *Hiroshima Igaku [J Hiroshima Med Assoc]*, 2024; 77:152-8
12. Ueda M, Horie I, Imaizumi M. 131I therapy for Graves' disease. *Shindan to Chiryō [Diagn Treatment]* 2023; 111(5): 617-21 (in Japanese)
13. Utada M, Brenner AV, Preston DL, Yamada M, Grant EJ, Sugiyama H, Sakata R, Cahoon EK, Ozasa K, Mabuchi K. The effect of prostate-specific antigen (PSA) test on radiation risk estimate for prostate cancer among atomic-bomb survivors. *Radiat Res*, 2023; 200(1): 96-101
14. Wu G, Yoshida N, Liu J, Zhang X, Heavican-Foral TB, Liu H, Nelson GM, Jones MK, Roshal M, Zhang Y, Xu R, Nirmal AJ, Jain S, Leahy C, Jones KL, Stevenson KE, Galasso N, Ganesan N, Chang T, Wu WC, Louissaint A, Debaize L, Yoon H, Fischer ES, Cin PD, Chan SM, Ho S, Ng SY, Feldman AL, Adelman K, Horwitz SM, Chen CW, Brown M, Weinstock DM. TP63 fusions drive multicomplex enhancer rewiring, lymphomagenesis, and PRC2 dependence. *Sci Transl Med*, 2023; 15(714): eadi7244
15. Xu Y, Derakhshan A, Hysaj O, Wildisen L, Ittermann T, Pingitore A, Abolhassani N, Medici M, Kiemeny LALM, Riksen NP, Dullaart RPF, Trompet S, Dörr M, Brown SJ, Schmidt B, Führer-Sakel D, Vanderpump MPJ, Muendlein A, Drexel H, Fink HA, Ikram MK, Kavousi M, Rhee CM, Bensenor IM, Azizi F, Hankey GJ, Iacoviello M, Imaizumi M, Ceresini G, Ferrucci L, Sgarbi JA, Bauer DC, Wareham N, Boelaert K, Bakker SJL, Jukema JW, Vaes B, Iervasi G, Yeap BB, Westendorp RGJ, Korevaar TIM, Völzke H, Razvi S, Gussekloo J, Walsh JP, Cappola AR, Rodondi N, Peeters RP, Chaker L, for the Thyroid Studies Collaboration. The optimal health ranges of thyroid function defined by the risk of cardiovascular disease and mortality: a systematic review and individual participant data meta-analysis. *Lancet Diabetes Endocrinol*, 2023; 11(10): 743-54
16. Yamauchi M, Ono A, Amioka K, Fujii Y, Nakahara H, Teraoka Y, Uchikawa S, Fujino H, Takashi Nakahara T, Murakami E, Okamoto W, Miki D, Kawaoka T, Tsuge M, Imamura M, Hayes CN, Kishi T, Ohishi W, Kato Yu, Kimura M, Suzuki N, Arihiro K, Aikata H, Chayama K, Oka S. Lenvatinib activates anti-tumor immunity by suppressing immunoinhibitory infiltrates in the tumor microenvironment of advanced hepatocellular carcinoma. *Commun Med*, 2023; 3(1): 152. Doi: 10.1038/s43856-023-00390-x
17. Yoshida K, Misumi M, Yamaoka M, Kyoizumi S, Ohishi W, Sugiyama H, Hayashi T, Kusunoki Y. Native CD4 T cells highly expressing the inflammatory chemokine receptor CXCR3 increase with age and radiation exposure in atomic bomb survivors. *Radiat Res*, 2023/11/21 [Epub]: 1-6
18. Yoshida N, Fujihara M, Preston DL, Ozasa K, Hida A, Ohishi W, Sakata R, Mabuchi K. Further analysis of incidence of multiple myeloma among atomic bomb survivors, 1950-1994. *Blood Adv*, 2023; 7(12): 2807-10

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Publications and Meeting Presentations

<In Press>

1. Sankoda A, Suzuki H, Imaizumi M, Yoshihara A, Kobayashi S, Katai M, Hamada K, Hidaka Y, Yoshihara A, Nakamura H, Kubota S, Kakita-Kobayashi M, Iwase A, Sugiyama T, Ota E, Arata N. Effect of levothyroxine treatment on fertility and pregnancy outcomes in women with subclinical hypothyroidism: a systematic review and meta-analysis of randomized controlled trials.

<Submitted>

1. Imaizumi M, Sakata R, Kodama K. The past that should not be forgotten: Atomic bombing and cancer. (in Japanese)
2. Tatsukawa Y, Sposto R, Yamada M, Ohishi W, Imaizumi M, Hida A, Sakata R, Fujiwara S, Nakanishi S, Ohno H. Relationship between radiation dose and markers of insulin resistance and inflammation in atomic bomb survivors.

<2022 >

1. Cologne JB, Sugiyama H, Hamasaki K, Tatsukawa Y, French B, Sakata R, Misumi M. Chromosome aberrations among atomic-bomb survivors exposed in utero: Updated analysis accounting for revised radiation dose and smoking. *Radiat Environ Biophys*, 2022; 61(1): 59-72
2. Fujihara M, Sakata R, Yoshida N, Ozasa K, Preston DL, Mabuchi K. Incidence of lymphoid malignancies among atomic bomb survivors by histological subtype: 1950-1994. *Blood*, 2022; 139(2): 217-27
3. Ishihara K, Kato N, Misumi M, Kitamura H, Hida A, Yamada M. Radiation effects on late-life neurocognitive function in childhood atomic bomb survivors: A Radiation Effects Research Foundation Adult Health Study. *Radiat Res*, 2022; 197(4): 403-7
4. Kitamura H, Ohishi W, Kodama K, Okubo T: Nuclear Emergency Workers Study Group. Baseline Survey of the Epidemiological Study of Health Effects in Fukushima Emergency Workers from 2016 to 2019. *Environ Adv*, 2022; 9: 100275
5. Kubo T, Amano M, Takashio S, Okumura T, Yamamoto S, Nabeta T, Oikawa M, Kurisu S, Ochi Y, Sugiura K, Baba Y, Kuroiwa H, Hirota T, Yamasaki N, Ishii S, Nochioka K, Takeishi Y, Yasuda S, Tsujita K, Izumi C, Kitaoka H. A retrospective investigation to establish new screening approach for the detection of patients at high risk of Fabry disease in male left ventricular hypertrophy patients. *J Cardiol*, 2022; 80(4): 325-31
6. Nakamura N, Yoshida N, Suwa T. Why mouse resting oocytes are resistant to radiation mutagenesis. *Hoshasen Seibutsu Kenkyu [Radiat Biol Res Commun]*, 2022; 57(2): 152-63 (in Japanese)

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7. Nitta K, Fukuda Y, Takahari K, Takeda A, Higashihara T, Morita Y, Watanabe N, Ikenaga H, Utsunomiya H, Ishibashi K, Kurisu S, Takahashi S, Awai K, Nakano Y. Factors influencing cardiac sympathetic nervous function in patients with severe aortic stenosis: assessment by ¹²³I-Metaiodobenzylguanidine myocardial scintigraphy. *Heart Lung Circ*, 2022; 31(5): 671-7
 8. Okubo T, Akashi M, Eguchi H, Ohishi W, Ogami A, Ozasa K, Kitamura H, Kurihara O, Sasaki H, Suto Y, Sobue T, Taniguchi N, Tomonaga K, Hoshi H, Mafune K, Miyakawa M, Momose T, Yoshinaga S. FY2021 Report of Epidemiological Study of Health Effects in Radiation Workers. *Report of Epidemiological Study of Health Effects in Radiation Workers 2022 (March)*; FY2021: 267p (in Japanese)
 9. Shoji T, Akiyama Y, Fujii H, Harada-Shiba M, Ishibashi Y, Ishida T, Ishigaki Y, Kabata D, Kihara Y, Kotani K, Kurisu S, Masuda D, Matoba T, Matsuki K, Matsumura T, Mori K, Nakagami T, Nakazato M, Taniuchi S, Ueno H, Yamashita S, Yoshida H, Yoshida H. Association of kidney function with serum levels of cholesterol absorption and synthesis markers: The CACHE Study CKD Analysis. *J Atheroscler Thromb*, 2022; 29(12): 1835-48
 10. Syrogiannouli L, Wildisen L, Meuwese C, Bauer DC, Cappola AR, Gussekloo J, Den Elzen W, Trompet S, Westendorp RGJ, Jukema JW, Ferrucci L, Ceresini G, Åsvold BO, Chaker L, Peeters RP, Imaizumi M, Ohishi W, Vaes B, Völzke H, Sgarbi JA, Walsh JP, Dullaart RPF, Bakker SJL, Iacoviello M, Rodondi N, Giovane CD. Incorporating baseline outcome data in individual participant data meta-analysis of non-randomized studies. *Front Psychiatry*, 2022; 13: 774251
 11. Tatsukawa Y, Cordova K, Yamada M, Ohishi W, Imaizumi M, Hida A, Sposto R, Sakata R, Fujiwara S, Nakanishi S, Yoneda M. Incidence of diabetes in the atomic bomb survivors: 1969-2015. *J Clin Endocrinol Metab*, 2022; 107(5): e2148-55
 12. Yamada M. Study of cognitive function: Radiation Effects Research Foundation Adult Health Study. *Nagasaki Igakkai Zasshi [Nagasaki Med J]*, 2022; 97(Special Issue): 212-8 (in Japanese)
- <2021 >
1. Arakawa F, Miyoshi H, Yoshida N, Nakashima K, Watatani Y, Furuta T, Yamada K, Moritsubo M, Takeuchi M, Yanagida E, Shimasaki Y, Kohno K, Kataoka K, Ohshima K. Expression of telomerase reverse transcriptase in peripheral T-cell lymphoma. *Cancer Med*, 2021; 10(19): 6786-94
 2. Fukuda Y, Nitta K, Kurisu S, Watanabe N, Ikenaga H, Ishibashi K, Nakano Y. The monocyte to high-density lipoprotein cholesterol ratio is associated with left ventricular diastolic function in patients with no significant perfusion abnormality. *Int Heart J*, 2021; 62(4): 866-71
 3. Haruta D, Landes RD, Hida A, Imaizumi M, Ohishi W, Akahoshi M, Maemura K. Relationship between radiation exposure and incident atrial fibrillation among atomic bomb survivors. *Circulation Reports*, 2021; 3(7): 381-7

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4. Hayashi T, Furukawa K, Morishita Y, Hayashi I, Kato N, Yoshida K, Kusunoki Y, Kyoizumi S, Ohishi W. Intracellular reactive oxygen species level in blood cells of atomic bomb survivors is increased due to aging and radiation exposure. *Free Radic Biol Med*, 2021; 171: 126-34
5. Hida A, Imaizumi M, French B, Ohishi W, Haruta D, Eguchi K, Nakamura H, Kawakami A. Association of human T-cell leukemia virus type I with prevalent rheumatoid arthritis among atomic bomb survivors – a cross-sectional study. *Medicine*, 2021; 100(24): e26297
6. Imai Y, Mizuno-Tanaka S, Satoh M, Hirata T, Murakami Y, Miura K, Waki T, Hirata A, Sairenchi T, Irie F, Sata M, Ninomiya T, Ohkubo T, Ishikawa S, Miyamoto Y, Ohnishi H, Saito S, Tamakoshi A, Yamada M, Kiyama M, Iso H, Sakata K, Nakagawa H, Okayama A, Ueshima H, Okamura T, on behalf of the evidence for cardiovascular prevention from observational cohorts in Japan (EPOCH-JAPAN) research group. Prediction of lifetime risk of cardiovascular disease deaths stratified by sex in the Japanese population. *J Am Heart Assoc*, 2021; 10(23): e021753
7. Imaizumi M. Thyroid cancer studies among atomic-bomb survivors. *Nihon Kojosen Gakkai Zasshi [J Jpn Thyroid Assoc]*, 2021; 12(1): 40-4 (in Japanese)
8. Imaizumi M, Kodama K. Radiation Effects Research Foundation: WHO Collaborating Centre for Research on Radiation Effects on Human Health. *Visualized WHO*, 2021; 75: 14-5
9. Iso H, Cui R, Takamoto I, Kiyama M, Saito I, Okamura T, Miyamoto Y, Higashiyama A, Kiyohara Y, Ninomiya T, Yamada M, Nakagawa H, Sakurai M, Shimabukuro M, Higa M, Shimamoto K, Saito S, Daimon M, Kayama T, Noda M, Ito S, Yokote K, Ito C, Nakao K, Yamauchi T, Kadowaki T. Risk classification for metabolic syndrome and the incidence of cardiovascular disease in Japan with low prevalence of obesity: A pooled analysis of 10 prospective cohort studies. *J Am Heart Assoc*, 2021; 10(23): e020760
10. Kitaoka H, Tsutsui H, Kubo T, Ide T, Chikamori T, Fukuda K, Fujino N, Higo T, Isobe M, Kamiya C, Kato S, Kihara Y, Kinugawa K, Kinugawa S, Kogaki S, Komuro I, Hagiwara N, Ono M, Maekawa Y, Makita S, Matsui Y, Matsushima S, Sakata Y, Sawa Y, Shimizu W, Teraoka K, Tsuchihashi-Makaya M, Ishibashi-Ueda H, Watanabe M, Yoshimura M, Fukusima A, Hida S, Hikoso S, Imamura T, Ishida H, Kawai M, Kitagawa T, Kohno T, Kurisu S, Nagata Y, Nakamura M, Morita H, Takano H, Shiga T, Takei Y, Yuasa S, Yamamoto T, Watanabe T, Akasaka T, Doi Y, Kimura T, Kitakaze M, Kosuge M, Takayama M, Tomoike H; Japanese Circulation Society Joint Working Group. JCS/JHFS 2018 Guideline on the Diagnosis and Treatment of Cardiomyopathies. *Circ J*, 2021; 85(9): 1590-689
11. Kudo Y, Takahashi K, Sugawara E, Nakamizo T, Kuroki M, Higashiyama Y, Tanaka F, Johkura K. Bedside video-oculographic evaluation of eye movements in acute supratentorial stroke patients: A potential biomarker for hemispatial neglect. *J Neurol Sci*, 2021; 425: 117442

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12. Kurisu S, Nitta K, Watanabe N, Ikenaga H, Ishibashi K, Fukuda Y, Nakano Y. Associations of frontal QRS-T angle with left ventricular volume and function derived from ECG-gated SPECT in patients with advanced chronic kidney disease. *Ann Nucl Med*, 2021; 35(6): 662-8
13. Kurisu S, Nitta K, Watanabe N, Ikenaga H, Ishibashi K, Fukuda Y, Nakano Y. Effects of newly developed right versus left bundle branch block on the QRS axis, T-wave axis and frontal QRS-T angle in patients with a narrow QRS. *Intern Med*, 2021; 60(1): 25-30
14. Kurisu S, Nitta K, Watanabe N, Ikenaga H, Ishibashi K, Fukuda Y, Nakano Y. Effects of upright T-wave in lead aVR on left ventricular volume and function derived from ECG-gated SPECT in patients with advanced chronic kidney disease. *Ann Nucl Med*, 2021; 35(1): 1-7
15. Nakamizo T, Cologne JB, Cordova KA, Yamada M, Takakashi T, Misumi M, Fujiwara S, Matsumoto M, Kihara Y, Hida A, Ohishi W. Radiation effects on atherosclerosis in atomic bomb survivors: A cross-sectional study using structural equation modeling. *Eur J Epidemiol*, 2021; 36(4): 401-14
16. Nakamizo T, Kanda T, Kudo Y, Sugawara E, Hashimoto E, Okazaki A, Usuda M, Nagai T, Hara H, Johkura K. Effects of uncomfortable care and histamine H2-antagonists on delirium in acute stroke: A propensity score analysis. *J Neurol Sci*, 2021; 420: 117251
17. Nakano N, Utsunomiya A, Matsuo K, Yoshida N, Seto M, Ohshima K, Fujiwara H, Fuji S, Takatsuka Y, Ito A, Miyamoto T, Suehiro Y, Nakamae H, Sawayama Y, Yuasa M, Miyazaki Y, Ota S, Imada K, Fukuda T, Ichinohe T, Atsuta Y, Kato K. Chromosomal defects and survival in patients with adult T-cell leukemia/lymphoma after allogeneic HSCT. *Blood Adv*, 2021; 5(2): 475-86
18. Nitta K, Fukuda Y, Takahari K, Takeda A, Higashihara T, Morita Y, Watanabe N, Ikenaga H, Utsunomiya H, Ishibashi K, Kurisu S, Takahashi S, Awai K, Nakano Y. Factors influencing cardiac sympathetic nervous function in patients with severe aortic stenosis: Assessment by 123I-metaiodobenzylguanidine myocardial scintigraphy. *Heart Lung Circ*, 2021; S1443-9506(21): 01311-1
19. Nitta K, Kurisu S, Erasta R, Ikenaga H, Ishibashi K, Fukuda Y, Kihara Y. Aortic valve calcium is associated with left ventricular diastolic function in patients without evidence of ischaemic heart disease: assessment by gated single-photon emission computed tomography. *Acta Cardiol*, 2021; 76(4): 359-64
20. Noda A, Kato K, Tamura C, Biesecker LG, Imaizumi M, Inoue Y, Henderson GE, Wilford B, Muto K, Naito M, Kayukawa J. Ethical, legal and social implications of human genome studies in radiation research: A workshop report for studies on atomic bomb survivors at the Radiation Effects Research Foundation. *J Radiat Res*, 2021; 62(4): 656-61

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21. Ohishi W. Health effects of atomic bomb radiation: RERF Adult Health Study. *Nihon Houshyasen Kangogakkai [The Journal of Radiological Nursing Society of Japan]*, 2021; 9(1): 46-7 (in Japanese)
22. Okubo T, Akashi M, Ohishi W, Ogami A, Ozasa K, Kitamura H, Kurihara O, Sasaki H, Suto Y, Sobue T, Taniguchi N, Tomonaga K, Mafune K, Hoshi H, Miyakawa M, Momose T, Yoshinaga S. FY2020 Report of Epidemiological Study of Health Effects in Radiation Workers. *Report of Epidemiological Study of Health Effects in Fukushima Emergency Workers*; 2021; FY2020: 291p. (in Japanese)
23. Ono S, Ohishi W, Grant E. Consideration of algorithms in the classification of medical chart using machine learning. The 25th JAMI Symposium 2021. 2021; 25: 132-3. (in Japanese)
24. Ono S, Ohishi W, Grant E. Consideration of algorithms in the classification of medical chart using machine learning. Multimedia. Distributed, Cooperative, and Mobile Symposium. 2021; 2021: 1285-8
25. Pasqual E, Boussin F, Bazyka D, Nordenskjold A, Yamada M, Ozasa K, Pazzaglia S, Roy L, Thierry-Chef I, de Vathaire F, Benotmane MA, Cardis E. Cognitive effects of low dose of ionizing radiation – Lessons learned and research gaps from epidemiological and biological studies. *Environ Int*, 2021; 147: 106295
26. Satoh M, Ohkubo T, Asayama K, Murakami Y, Sugiyama D, Waki T, Tanaka S, Yamada M, Saitoh S, Sakata K, Irie F, Sairenchi T, Ishikawa S, Kiyama M, Okayama A, Miura K, Imai Y, Ueshima H, Okamura T, on behalf of the EPOCH-JAPAN research group. A combination of blood pressure and total cholesterol increases the lifetime risk of coronary heart disease mortality: EPOCH-JAPAN. *J Atheroscler Thromb*, 2021; 28(1): 6-24
27. van Vliet AN, van Heemst D, Plmeida OP, Åsvold BO, Aubert CE, Bae JB, Barnes LE, Bauer DC, Blauw GJ, Brayne C, Cappola AR, Ceresini G, Comijs HC, Dartigues JF, Degryse JM, Dullaart RPF, van Eersel MEA, den Elzen WPJ, Ferrucci L, Fink HA, Ficker L, Grabe HJ, Han JW, Helmer C, Huisman M, Ikram MA, Imaizumi M, de Jongh RT, Jukema JW, Kim KW, Kuller LH, Lopez OL, Mooijaart SP, Moon JH, Moutzouri E, Nauck M, Parle J, Peeters RP, Samuels MH, Schmidt CO, Schminke U, Slagboom PE, Stordal E, Vaes B, Völzke H, Westendorp RGJ, Yamada M, Yeap BB, Rodondi N, Gussekloo J, Trompet S. Association of thyroid dysfunction with cognitive function: An individual participant data analysis. *JAMA Intern Med*, 2021; 181(11): 1440-50
28. Yamada K, Miyoshi H, Yoshida N, Shimono J, Sato K, Nakashima K, Takeuchi M, Arakawa F, Asano N, Yanagida E, Seto M, Ohshima K. Human T-cell lymphotropic virus HBZ and tax mRNA expression are associated with specific clinicopathological features in adult T-cell leukemia/lymphoma. *Mod Pathol*, 2021; 34(2): 314-26
29. Yamada M, Furukawa K, Tatsukawa Y, Marumo K, Funamoto S, Sakata R, Ozasa K, Cullings HM, Preston DL, Kurtzio P. Congenital malformations and perinatal deaths among the children of atomic bomb survivors: A reappraisal. *Am J Epidemiol*, 2021; 190(11): 2323-33

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30. Yamada M, Furukawa K, Tatsukawa Y, Marumo K, Funamoto S, Sakata R, Ozasa K, Cullings HM, Preston DL, Kurtzio P. Yamada et al. Respond to “Radiation and Reproductive Health”. *Am J Epidemiol*, 2021; 190(11): 2337-8
31. Yamada M, Kato N, Kitamura H, Ishihara K, Hida A. Cognitive function among elderly survivors prenatally exposed to atomic bombings. *Am J Med*, 2021; 134(4): e264-7
32. Yamagishi M, Tamaki N, Akasaka T, Ikeda T, Ueshima K, Uemura S, Otsuji Y, Kihara Y, Kimura K, Kimura T, Kusama Y, Kumita S, Sakuma H, Jinzaki M, Daida H, Takeishi Y, Tada H, Chikamori T, Tsujita K, Teraoka K, Nakajima K, Nakata T, Nakatani S, Nogami A, Node K, Nohara A, Hirayama A, Funabashi N, Miura M, Mochizuki T, Yokoi H, Yoshioka K, Watanabe M, Asanuma T, Ishikawa Y, Ohara T, Kaikita K, Kasai T, Kato E, Kamiyama H, Kawashiri M, Kiso K, Kitagawa K, Kido T, Kinoshita T, Kiriyaama T, Kume T, Kurata A, Kurusu S, Kosuge M, Kodani E, Sato A, Shiono Y, Shiomi H, Taki J, Takeuchi M, Tanaka A, Tanaka N, Tanaka R, Nakahashi T, Nakahara T, Nomura A, Hashimoto A, Hayashi K, Higashi M, Hiro T, Fukamachi D, Matsuo H, Matsumoto N, Miyauchi K, Miyagawa M, Yamada Y, Yoshinaga K, Wada H, Watanabe T, Ozaki Y, Kohsaka S, Shimizu W, Yasuda S, Yoshino H; Japanese Circulation Society Working Group. JCS 2018 Guideline on Diagnosis of Chronic Coronary Heart Diseases. *Circ J*, 2021; 85(4): 402-572
33. Yoshida K, Misumi M, Kusunoki Y, Yamada M. Longitudinal changes in red blood cell distribution width decades after radiation exposure in atomic-bomb survivors. *Br J Haematol*, 2021; 193(2): 406-9
34. Yoshida N, Miyoshi H, Ohshima K. Clinical applications of genomic alterations in ATLL: predictive markers and therapeutic targets. *Cancers (Basel)*, 2021; 13(8): 1801
35. Yoshida N, Yamada K, Ohshima K. Comprehensive genomic analysis identifying heterogeneity in peripheral T-cell lymphoma. *Cancer Sci*, 2021; 112(4): 1339-47

Meeting presentations (January 2023 - December 2023):

Tatsukawa Y, Yamada M, Kurusu S, Ohishi W, Hida A, Sposto R, Yoneda M. Trends in the incidence of diabetes mellitus and the effects of city and birth cohort in a Japanese population. The 33rd Annual Scientific Meeting of the Japan Epidemiological Association. 1-3 February 2023, Hamamatsu, Shizuoka.

Kadowaki Y, Yamada M, Brenner AV, Sugiyama H, Utada M, Misumi M, Sakata R. The reproducibility of self-reported age at menarche among the Life Span Study of atomic bomb survivors. The 33rd Annual Scientific Meeting of the Japan Epidemiological Association. 1-3 February 2023, Hamamatsu, Shizuoka.

Hayashi T, Kato N, Maki M, Morishita Y, Yoshida N, Tanabe O, Ohishi W. Preliminary study for SNP array analysis of DNA derived from blood smears stored for more than 50 years. International Society for Biological and Environmental Repositories Annual Meeting and Exhibits. 3-6 May 2023, Seattle, USA.

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Yoshida N, Fujihara M, Preston DL, Hida A, Ohishi W, Sakata R, Mabuchi K. Incidence and characteristics of multiple myeloma among A-bomb survivors. International Society of Radiation Epidemiology and Dosimetry 2023 1st Meeting. 16-18 May 2023, Sitges, Spain.

Imaizumi M. Subclinical thyroid dysfunction and pregnancy: Does levothyroxine treatment for subclinical hypothyroidism in early pregnancy improve pregnancy outcomes and prognosis of children? The 96th Annual Congress of Japan Endocrine Society. 1 June 2023, Nagoya.

Tatsukawa Y, Yamada M, Ohishi W, Hida A, Sposto R. Diabetes incidence and risk factors in a Japanese cohort. International Diabetes Federation Western Pacific Region Congress 2023 and 15th Scientific Meeting of Asian Association for the Study of Diabetes. 21-23 July 2023, Kyoto.

Yoshida N, Fujihara M, Preston DL, Hida A, Ohishi W, Sakata R, Mabuchi K. Incidence and characteristics of multiple myeloma among A-bomb survivors. The 46th Meeting of the Hiroshima multiple myeloma study group. 19 August 2023, Hiroshima.

Utada M, Brenner AV, Preston DL, Yamada M, Grant EJ, Sugiyama H, Sakata R, Cahoon EK, Ozasa K, Mabuchi K. The effect of prostate-specific antigen (PSA) test on radiation-associated risk estimate for prostate cancer incidence among atomic-bomb survivors. The 17th International Congress of Radiation Research. 27-30 August 2023, Montreal, Canada.

Imaizumi M. Health effects of radiation in atomic bomb survivors. Seminar on medical care for Hibakusha. 13-15 September 2023, Seoul, Korea.

Imaizumi M, Sobue T, Taniguchi N, Miyakawa M, Momose T, Yoshinaga N, Yamamoto S, Zha L, Ohishi W, Kitamura H, Okubo T. Thyroid study in Fukushima nuclear emergency workers. The 17th Coordination Meeting of the WHO REMPAN. 13-15 September 2023, Seoul, Korea.

Yoshida N, Fujihara M, Preston DL, Hida A, Ohishi W, Sakata R, Mabuchi K. Incidence of multiple myeloma among A-bomb survivors. The 85th Annual Meeting of the Japanese Society of Hematology. 13-15 October 2023, Tokyo.

Hayashi T, Kato N, Furudoi K, Hayashi I, Kyoizumi S, Tanimoto K, Yoshida K, Imaizumi M, Hida A, Tanabe O, Ohishi W. Early-life irradiation accelerates immunological aging and elevates immune-related intracellular reactive oxygen species. The 66th Annual Meeting of the Japanese Radiation Research Society. 6-8 November 2023, Tokyo.

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