

1) Published and in-press reports (2019 - Current):**<2019 - Current>**

Applegate KE, Ruhm W, Wojcik A, Bourguignon M, Brenner A, Hamasaki K, Imai T, Imaizumi M, Imaoka T, Kakinuma S, Kamada T, Nishimura M, Okonogi N, Ozasa K, Rube CE, Sadakane A, Sakata R, Shimada Y, Yoshida K, Bouffler S. Individual Response of Humans to Ionising Radiation – Governing Factors and Importance for Radiological Protection. *Radiat Environ Biophys*, 2020; 59(2): 185-209

Ueda K, Ohishi W, Cullings H, Fujiwara S, Suzuki G, Hayashi T, Mitsui F, Hida A, Ozasa K, Ito M, Chayama K, Tahara E. Modifying effect of chronic atrophic gastritis on radiation risk for noncardia gastric cancer according to histological type. *Radiat Res*, 2020; 194(2): 180-7

Heavican TB, Bouska A, Yu J, Lone W, Amador C, Gong Q, Zhang W, Li Y, Dave BJ, Nairismägi ML, Greiner TC, Vose J, Weisenburger DD, Lachel C, Wang C, Fu K, Stevens JM, Lim ST, Ong CK, Gascoyne RD, Missiaglia E, Lemonnier F, Hajoun C, Hartmann S, Pedersen MB, Laginestra MA, Wilcox RA, The BT, Yoshida N, Ohshima K, Seto M, Rosenwald A, Ott G, Campo E, Rimsza LM, Jaffe ES, Braziel RM, d'Amore F, Inghirami G, Bertoni F, de Leval L, Gaulard P, Staudt LM, McKeithan TW, Pileri S, Chan WC, Iqbal J. Genetic drivers of oncogenic pathways in molecular subgroups of peripheral T-cell lymphoma. *Blood*, 2019; 133(15): 1665-76

Imaizumi M. Is radioactive iodine therapy recommended for patients with Graves' disease aged <18 years? *Nihon Kojosen Gakkai Zasshi [J Jpn Thyroid Assoc]*, 2019; 10(2): 33-7 (in Japanese)

Kawano N, Yoshida N, Kawano S, Arakawa F, Miyoshi H, Yamada K, Nakashima K, Yoshida S, Kuriyama T, Nakaike T, Tochigi T, Shimokawa T, Yamashita K, Marutsuka K, Mashiba K, Kikuchi I, Ohshima K. Clinical features, pathological features, and treatment outcomes of 22 patients with aggressive adult T-cell leukemia-lymphoma treated with a humanized CCR4 antibody (mogamulizumab) at a single institution during a 6-year period (2012-2018). *Intern Med*, 2019; 58(15): 2159-66

Kazama R, Miyoshi H, Takeuchi M, Miyawaki K, Nakashima K, Yoshida N, Yanagida E, Yamada K, Umeno T, Suzuki T, Kato K, Seto M, Akashi K, Ohshima K. CD47 and SIRP α constituting the "don't eat me signal" is a prognostic factor in diffuse large B-cell lymphoma. *Cancer Sci*, 2020; 117(7): 2608-19

Kitamura H, Ogami A, Myojo T, Oyabu T, Ikegami K, Hasegawa M, Sugano R, Michii S, Ando H, Higashi T. Health effects of toner exposure among Japanese toner-handling workers: a 10-year prospective cohort study. *J UOEH*, 2019; 41(1): 1-14

Kiuchi Y, Yanagi M, Itakura K, Takahashi I, Hida A, Ohishi W, Furukawa K. Association between radiation, glaucoma subtype, and retinal vessel diameter in atomic bomb survivors. *Sci Rep*, 2019; 9(1): 8642

Mafune K, Hiro H, Inoue A, Hino A, Shigemura J, Yamada M, Okubo T. Social Support

During Emergency Work and Subsequent Serious Psychological Distress: A Cross-Sectional Study Among Emergency Workers who Responded to the Fukushima Daiichi Nuclear Power Plant Accident. *J Occup Environ Med*, 2019; 61(6), e240-e246. doi:10.1097/JOM.0000000000001569

Maskarinec G, Sadakane A, Sugiyama H, Brenner A, Tatsukawa Y, Grant EJ. Type 2 Diabetes, obesity, and breast cancer risk among Japanese women of the atomic bomb survivors cohort. *Cancer Epidemiol*, 2019; 60: 179-84

Meuwese CL, van Diepen M, Cappola AR, Sarnak MJ, Shlipak MG, Bauer DC, Fried LP, Iacoviello M, Vaes B, Degryse J, Khaw KT, Luben RN, Åsvold BO, Bjørø T, Vatten LJ, de Craen AJM, Trompet S, Iervasi G, Molinaro S, Ceresini G, Ferrucci L, Dullaart RPF, Bakker SJL, Jukema JW, Kearney PM, Stott DJ, Peeters RP, Franco OH, Völzke H, Walsh JP, Brenner A, Sgarbi JA, Maciel RMB, Imaizumi M, Ohishi W, Dekker FW, Rodondi N, Gussekloo J, den Elzen WPJ; Thyroid Studies Collaboration. Low thyroid function is not associated with an accelerated deterioration in renal function. *Nephrol Dial Transplant*, 2019; 34(4): 650-9

Nozawa H, Ikegami K, Michii S, Sugano R, Ando H, Kitamura H, Ogami A. Peer counseling for mental health in young people -Randomized clinical trial-. *Mental Health & Prevention*, 2019; 14: 200164, <https://doi.org/10.1016/j.mph.2019.200164>

Okubo T, Akashi M, Ohishi W, Okazaki R, Ozasa K, Kawai K, Kitamura H, Kim U, Kurihara O, Sasaki H, Shigemura J, Suto Y, Sobue T, Tani K, Taniguchi N, Hiro H, Hoshi H, Miyakawa M, Momose T, Yoshinaga S. FY2018 Report. *Report of Epidemiological Study of Health Effects in Fukushima Emergency Workers*; 2019; FY2018: 137p. (in Japanese)

Okubo T, Akashi M, Ohishi W, Okazaki R, Ozasa K, Kasagi F, Katayama H, Kawai K, Kitamura H, Kim U, Kurihara O, Kodama K, Sasaki H, Shigemura J, Suto Y, Sobue T, Tani K, Taniguchi N, Hiro H, Hoshi H, Miyakawa M, Momose T, Yoshinaga S. *Comprehensive Report of Epidemiological Study of Health Effects in Fukushima Emergency Workers*; 2019: 303p. (in Japanese)

Ozasa K, Cullings HM, Ohishi W, Hida A, Grant EJ. Epidemiological studies of atomic bomb radiation at the Radiation Effects Research Foundation. *Int J Radiat Biol*, 2019; 95(7): 879-91

Satoh M, Ohkubo, Asayama K, Murakami Y, Sugiyama D, Yamada M, Saitoh S, Sakata K, Irie F, Sairenchi T, Ishikawa S, Kiyama M, Ohnishi H, Miura K, Imai Y, Ueshima H, Okamura T, on behalf of the EPOCH-JAPAN Research Group. Lifetime risk of stroke and coronary heart disease death according to blood pressure level EPOCH-JAPAN (Evidence for Cardiovascular Prevention from Observational Cohorts in Japan). *Hypertension*, 2019; 73(1): 52-9

Takahashi N, Misumi M, Niwa Y, Murakami H, Ohishi W, Inaba T, Nagamachi A, Tanaka S, Tanaka I, Suzuki G. Effects of radiation on blood pressure and body weight in the spontaneously hypertensive rat model. Are radiation effects on blood pressure affected by genetic background? *Radiat Res*, 2020; 193(6): 552-9

Takahashi N, Misumi M, Murakami H, Niwa Y, Ohishi W, Inaba T, Nagamachi A, Suzuki G. Association between low doses of ionizing radiation, administered acutely or chronically, and time to onset of stroke in a rat model. *J Radiat Res*, 2020; 61(5): 666-73

Takeuchi M, Miyoshi H, Asano N, Yoshida N, Yamada K, Yanagida E, Moritsubo M, Nakata M, Umeno T, Suzuki T, Komaki S, Muta H, Furuta T, Seto M, Ohshima K. Human leukocyte antigen class II expression is a good prognostic factor of adult T-cell leukemia/lymphoma. *Haematologica*, 2019; 104(8): 1626-32

Terunuma N, Ikegami K, Kitamura H, Ando H, Kurosaki S, Masuda M, Kochi T, Yanagi N, Ogami A, Higashi T. A Cohort Study on Respiratory Symptoms and Diseases Caused by Toner-Handling Work: Longitudinal Analyses from 2003 to 2013. *Atmosphere*, 2019; 10(11): 647, <https://doi.org/10.3390/atmos10110647>

Yamada M, Landes RD, Hida A, Ishihara K, Krull KR. Effects of demographic variables on subjective neurocognitive complaints using the Neurocognitive Questionnaire (NCQ) in a aged Japanese population. *Int J Environ Res Public Health*, 2019; 16(3): 421-30

Yoshida K, French B, Yoshida N, Hida A, Ohishi W, Kusunoki Y. Radiation exposure and longitudinal changes in peripheral monocytes over 50 years: The Adult Health Study of atomic-bomb survivors. *Br J Haematol*, 2019; 185(1): 107-15

Yoshida N, Seto M, Ohshima K. Heterogeneity of genomic alterations and clinical aspects in peripheral T-cell Lymphoma: future perspectives. *Rinsho Ketsueki [Jpn J Clin Hematol]*, 2019; 60(4): 271-80 (in Japanese)

Yoshida N, Shigemori K, Donaldson N, Cordero NA, Stevenson KE, Bu X, Arakawa F, Takeuchi M, Ohshima K, Yoda A, Ng SY, Weinstock DM. Genomic landscape of young ATLL patients identifies frequent targetable CD28 fusions. *Blood*, 2020; 135(17): 1467-71

<In Press>

Kim YM, Cologne JB, Jang E, Lange T, Tatsukawa Y, Ohishi W, Utada M, Cullings HM. Causal mediation analysis in nested case-control studies using conditional logistic regression. *Biometrical Journal*

Moritsubo M, Miyoshi H, Matsuda K, Yoshida N, Nakashima K, Yanagida E, Yamada K, Suzuki T, Muta H, Umeno T, Takeuchi M, Furuta T, Seto M, Ohshima K. TACC3 expression as a prognostic factor in aggressive types of adult T-cell leukemia/lymphoma patients. *Int J Lab Hematol*

Yamada K, Miyoshi H, Yoshida N, Shimono J, Sato K, Nakashima K, Takeuchi M, Fumiko Arakawa, Naoko Asano, 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*

Yanagida E, Miyoshi H, Takeuchi M, Yoshida N, Nakashima K, Yamada K, Umeno T, Shimasaki Y, Furuta T, Seto M, Ohshima K. Clinicopathological analysis of

immunohistochemical expression of CD47 and SIRP α on in adult T-cell leukemia/lymphoma. *Hematol Oncol*

Yoshida N, Miyoshi H, Arakawa F, Kawamoto K, Seto M, Ohshima K. Cytokine-related genes play critical roles in extrafollicular growth of follicular lymphoma cells *Hematol Oncol*

2) Meeting presentations (January 2019 - December 2019):

Imaizumi M. Recent topics of subclinical thyroid dysfunction. 35th Meeting of Society for Thyroid Pathophysiology. 9 February, 2019, Tokyo.

Kodama K, Yamada M, Imaizumi M. Psychiatric sequelae in atomic bomb survivors in Hiroshima and Nagasaki two decades after the explosions. 3rd WHO REMPAN Webinar on Mental Health and Psychological Impact of Nuclear and Radiological Emergencies. 15 April, 2019, Geneva, Switzerland.

Tatsukawa Y, Ohishi W, Kohata M, Yamada M, Yoneda M. Association of diabetes mellitus and fatty liver with liver fibrosis. 62nd Annual Meeting of the Japan Diabetes Society. 23-25 May, 2019, Sendai.

Yoshida K, French B, Yoshida N, Hida A, Ohishi W, Taga M, Kusunoki Y. Increases in peripheral blood monocytes related to human aging and radiation exposure. 26th International Symposium on Molecular Cell Biology of Macrophages. 6-7 June, 2019, Tokyo.

Hayashi T, Furukawa K, Hayashi I, Yoshida K, Kyoizumi S, Ohishi W. Effects of aging and radiation exposure on the production of reactive oxygen species in blood cells of atomic-bomb survivors. 44th Annual Meeting of the Chugoku Area Radiation Research Society. 2 August, 2019, Hiroshima.

Cordova KA, Cologne JB, Nakamizo T, Takahashi I. Using structural regression models to account for correlated clinical outcomes when assessing radiation effects: Benefits and cautions. 16th International Congress of Radiation Research. 25-29 August, 2019, Manchester, UK.

Hayashi T, Furukawa K, Hayashi I, Yoshida K, Kyoizumi S, Ohishi W. Effects of inflammatory marker on the relationship between intracellular ROS in blood and radiation exposure among atomic bomb survivors. 16th International Congress of Radiation Research. 25-29 August, 2019, Manchester, UK.

Imaizumi M. The 2019 guideline for treatment of Graves' Disease, what have changed? 29th JES Clinical Update on Endocrinology & metabolism. 2 September, 2019, Kochi

Hayashi T, Lynch HE, Geyer SM, French B, Yoshida K, Hayashi I, Kyoizumi S, Kusunoki Y, Ohishi W, Fujiwara S, Shterev I, Nikolich-Zugich J, Murasko D, Hale LP, Sempowski GD, Nakachi K. Effects of aging and radiation exposure on influenza vaccine responses among Hiroshima atomic-bomb survivors. 17th International Conference on Immunology and Vaccine Research. 10-11 October, 2019, Osaka.

Hayashi T, Furukawa K, Hayashi I, Yoshida K, Kyoizumi S, Ohishi W. Effects of radiation exposure on intracellular ROS levels and monocyte numbers among atomic bomb survivors. 62nd Annual Meeting of the Japan Radiation Research Society. 14-16 November, 2019, Kyoto.

Takahashi N, Murakami H, Ohishi W, Misumi M, Nagamachi A, Inaba T, Tsuyama N, Mizuno H. The association between radiation exposure and increasing risk of circulatory diseases. -Attempt to infer potential mechanisms underlying the radiation-associated circulatory disease-. 62nd Annual Meeting of the Japan Radiation Research Society. 14-16 November, 2019, Kyoto.

Hayashi T, Furukawa K, Yoshida K, Ohishi W, Hayashi I, Kyoizumi S. Association of intracellular ROS in blood cells with IL-6R. 42nd Annual Meeting of the Molecular Biology Society of Japan. 3-6 December, 2019, Fukuoka.

Hayashi T, Yoshida K, Ohishi W, Kyoizumi S. Relationship between intracellular ROS in blood cells and immune and inflammatory biomarkers. 48th Annual Meeting of the Japanese Society for Immunology. 11-13 December, 2019, Hamamatsu.