

LIST OF PUBLICATIONS AND MEETING PRESENTATIONS

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1) Published and in-press reports:

<2017>

Allemani C, Matsuda T, Di Carlo V, Harewood R, Matz M, Nikšić M, Bonaventure A, Valkov M, Johnson C, Estève J, Ogunbiyi O, Azevedo e Silva G, Chen W, Eser S, Engholm G, Stiller C, Monnereau A, Woods R, Visser O, Lim G, Aiken J, Weir H, Colman M, CONCORD Working Group. Global surveillance of trends in cancer survival: analysis of individual records for 37,513,025 patients diagnosed with one of 18 cancers during 2000-2014 from 322 population-based registries in 71 countries (CONCORD-3). *The Lancet*

Cahoon EK, Preston DL, Pierce DA, Grant EJ, Brenner AV, Mabuchi K, Utada M, Ozasa K. Lung, Laryngeal, and Other Respiratory Cancer Incidence among Japanese Atomic Bomb Survivors: An Updated Analysis from 1958 through 2009. *Radiat Res*, 2017;187(5):538-548.

Cologne JB, Preston DL, Grant EJ, Cullings HM, Ozasa K. Effect of follow-up period on minimal-significant dose in the atomic-bomb survivor studies. *Radiat Environ Biophys*, 2017 :1-6. doi.org/10.1007/s00411-017-0720-7 [Epub ahead of print]

Cullings HM, Grant EJ, Egbert SD, Watanabe T, Oda T, Nakamura F, Yamashita T, Fuchi H, Funamoto S, Marumo K, Sakata R, Kodama Y, Ozasa K, Kodama K. DS02R1: Improvements to Atomic Bomb Survivors' Input Data and Implementation of Dosimetry System 2002 (DS02) and Resulting Changes in Estimated Doses. *Health Phys*, 2017; 112(1):56-97.

French B, Cologne JB, Sakata R, Utada M, Preston DL. Selection of reference groups in the Life Span Study of atomic bomb survivors. *Eur J Epidemiol*, 2017;1-9. doi.org/10.1007/s10654-017-0337-9 [Epub ahead of print]

Grant EJ, Brenner AV, Sugiyama H, Sakata R, Sadakane A, Utada M, Cahoon E, Milder CM, Soda M, Cullings HM, Preston DL, Mabuchi K, Ozasa K. Solid cancer incidence among the Life Span Study of atomic bomb survivors: 1958-2009. *Radiat Res*, 2017; 187(5):513-37.

Grant EJ, Brenner AV, Sugiyama H, Sakata R, Sadakane A, Utada M, Cahoon E, Milder CM, Soda M, Cullings HM, Preston DL, Mabuchi K, Ozasa K. Reply to the comments by Mortazavi and Doss on "Solid cancer incidence among the Life Span Study of atomic bomb survivors: 1958-2009" (*Radiat Res* 2017; 187:513-537) [Letter to the editor] *Radiat Res*. 2017(September); 188(3):370-1

Ishikawa T, Takahashi H, Yasumura S, Ohtsuru A, Sakai A, Ohira T, Sakata R, Ozasa K, Akahane K, Yonai S, Kurihara O, Kamiya K, Abe M. Representativeness of individual external doses estimated for one quarter of residents in the Fukushima Prefecture after the nuclear disaster: the Fukushima Health Management Survey. *J Radiol Prot* 2017 (June); 37(3):584-605

Koyanagi YN, Matsuo K, Ito H, Tamakoshi A, Sugawara Y, Hidaka A, Wada K, Oze I, Kitamura Y, Liu R, Mizoue T, Sawada N, Nagata C, Wakai K, Nakayama T, Sadakane A, Tanaka K, Inoue M, Tsugane S, Sasazuki S, for the Research Group for the Development of

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Cancer Prevention Strategies in Japan. Body-Mass Index and Pancreatic Cancer Incidence: A Pooled Analysis of Nine Population-Based Cohort Studies With More Than 340,000 Japanese Subjects. *J Epidemiol.* [Advance publication]

Lubin JH et al. (RERF: Sakata R). Thyroid cancer following childhood low dose radiation exposure: a pooled analysis of nine cohorts. *J Clin Endocrinol Metab*, July 2017, 102(7):2575–2583

Nichols HB, Schoemaker MJ, Wright LB, McGowan C, Brook MN, McClain KM, Jones ME, Adami HO, Agnoli C, Baglietto L, Bernstein L, Bertrand KA, Blot WJ, Boutron-Ruault MC, Butler L, Chen Y, Doody MM, Dossus L, Eliassen AH, Giles GG, Gram IT, Hankinson SE, Hoffman-Bolton J, Kaaks R, Key TJ, Kirsh VA, Kitahara CM, Koh WP, Larsson SC, Lund E, Ma H, Merritt MA, Milne RL, Navarro C, Overvad K, Ozasa K, Palmer JR, Peeters PH, Riboli E, Rohan TE, Sadakane A, Sund M, Tamimi RM, Trichopoulou A, Vatten L, Visvanathan K, Weiderpass E, Willett WC, Wolk A, Zeleniuch-Jacquotte A, Zheng W, Sandler DP, Swerdlow AJ. The Premenopausal Breast Cancer Collaboration: A Pooling Project of Studies Participating in the National Cancer Institute Cohort Consortium. *Cancer Epidemiol Biomarkers Prev.* 2017;26:1360-1369

Ozasa K, Takahashi I, Grant EJ, Kodama K. Cardiovascular Disease among Atomic Bomb Survivors, *Int J Rad Biol.* 2017;93(10):1145-1150.

Sakai A, Nakano H, Ohira T, Hosoya M, Yasumura S, Ohtsuru A, Satoh H, Kawasaki Y, Suzuki H, Takahashi A, Sugiura Y, Shishido H, Hayashi Y, Takahashi H, Kobashi G, Ozasa K, Hashimoto S, Ohto H, Abe M; Fukushima Health Management Survey Group. Persistent prevalence of polycythemia among evacuees 4 years after the Great East Japan Earthquake: A follow-up study. *Prev Med Rep* 2017 (January); 5:251-6

Takahashi A, Ohira T, Hosoya M, Yasumura S, Nagai M, Ohira H, Hashimoto S, Satoh H, Sakai A, Ohtsuru A, Kawasaki Y, Suzuki H, Kobashi G, Ozasa K, Yamashita S, Kamiya K, Abe M; Fukushima Health Management Survey Group. Effect of evacuation on liver function after the Fukushima Daiichi Nuclear Power Plant accident: The Fukushima Health Management Survey Group. *J Epidemiol* 2017 (April); 27(4):180-5

Takahashi A, Ohira T, Uemura M, Hosoya M, Yasumura S, Hashimoto S, Ohira H, Sakai A, Ohtsuru A, Satoh H, Kawasaki Y, Suzuki H, Sugiura Y, Shishido H, Hayashi Y, Takahashi H, Nakano H, Kobashi G, Ozasa K, Ohto H, Abe M. Changes in hepatobiliary enzyme abnormality after the great east Japan earthquake: The Fukushima Health Management Survey. *Sci Rep* 2017 (April); 7(1):710

Takahashi I, Shimizu Y, Grant EJ, Cologne JB, Ozasa K, Kodama K. Heart disease mortality in the Life Span Study, 1950-2008. *Radiat Res* 2017 (March); 187(3):319-32

Takamori A, Takahashi I, Kasagi F, Suyama A, Ozasa K, Yanagawa T. Mortality analysis of the Life Span Study (LSS) cohort taking into account multiple causes of death indicated in death certificates. *Radiat Res*, 2017 (January); 187(1):20-31

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Ugai T, Matsuo K, Oze I, Ito H, Wakai K, Wada K, Nagata C, Nakayama T, Liu R, Kitamura Y, Tamakoshi A, Tsuji I, Sugawara Y, Sawada N, Sadakane A, Tanaka K, Mizoue T, Inoue M, Tsugane S, Shimazu T; Research Group for the Development and Evaluation of Cancer Prevention Strategies in Japan. Smoking and subsequent risk of acute myeloid leukaemia: A pooled analysis of 9 cohort studies in Japan. *Hematol Oncol*, 2017; 1-7.

<In Press>

Ozasa K, Grant EJ, Kodama K. Japanese Legacy Cohorts: Life Span Study - atomic bomb survivor cohort - and survivors' offspring. *J Epidemiol*.

Sugiyama H, Omonishi k, Yonehara S, Ozasa K, Kajihara H, Tsuya T, Takashima Y. Characteristics of benign and malignant bone tumors registered in the pathological tissue registry in Hiroshima, 1973-2012. *JBJS Open Access*.

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Brenner AV, Preston DL, Sakata R, Sugiyama H, Berrington de Gonzalez A, French B, Utada M, Cahoon EK, Sadakane A, Ozasa K, Grant EJ, Mabuchi K. Incidence of breast cancer in the Life Span Study of atomic bomb survivors: 1958-2009.

Cologne JB, Haruta D, Takahashi I, French B, Nanri A, Misumi M, Sadakane A, Cullings HM, Araki Y, Mizoue T. Residual weight fluctuation associated with total and ischemic heart disease mortality in a Japanese cohort.

Schoemaker MJ, Nichols HB, Wright LB, Brook MN, Jones ME, O'Brien K, Adami HO, Baglietto L, Bernstein L, Bertrand KA, Boutron-Ruault MC, Braaten T, Chen Y, Connor AE, Dorronsoro M, Dossus L, Eliassen HA, Giles GG, Hankinson SE, Kaaks R, Key TJ, Kirsh VA, Kitahara CA, Koh WP, Larsson SC, Linet M, Ma H, Masala G, Merritt MA, Milne RL, Overvad K, Ozasa K, Palmer JR, Peeters PH, Riboli E, Rohan TE, Sadakane A, Sund M, Tamimi RM, Trichopoulou A, Ursin G, Vatten L, Visvanathan K, Weiderpass E, Willett WC, Wolk A, Yuan JM, Zeleniuch-Jacquotte A, Sandler DP, Swerdlow AJ. Body-mass index, age and premenopausal breast cancer risk: A prospective analysis of 758,592 women.

Sadakane A, Landes RD, Sakata R, Nagano J, Shore RE, Ozasa K. Medical radiation exposures among atomic bomb survivors: assessment of its impact on the risk estimate analysis of atomic bomb radiation.

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2) Meeting Presentations (January 2017-December 2017):

Grant EJ, Brenner AV, Sugiyama H, Sakata R, Sadakane A, Utada M, Cahoon EK, Milder CM, Soda M, Cullings HM, Preston DL, Mabuchi K, Ozasa K. Solid cancer incidence among the Life Span Study of atomic bomb survivors: 1958-2009, 27th Annual Scientific Meeting of the Japan Epidemiological Association, 25-27 January 2017, Kofu

Sadakane A, French B, Grant EJ, Mabuchi K, Ozasa K. Radiation exposure and risk of liver cancer in atomic bomb survivors, 27th Annual Scientific Meeting of the Japan Epidemiological Association, 25-27 January 2017, Kofu

Sakata R, Rajaraman P, Gilbert ES, Grant EJ, Mabuchi K, Ozasa K. Radiation, smoking and alcohol drinking risk for oral cavity and pharynx cancers among atomic bomb survivors, 27th Annual Scientific Meeting of the Japan Epidemiological Association, 25-27 January 2017, Kofu

Sugiyama H, Misumi M, Grant EJ, Preston DL, Mabuchi K, Ozasa K. Radiation risk of colon cancer incidence among the atomic bomb survivors between 1958 and 2009, 27th Annual Scientific Meeting of the Japan Epidemiological Association, 25-27 January 2017, Kofu

Utada M, Sakata R, Grant EJ, Mabuchi K, Ozasa K. Radiation risk of uterine cancer in the cohort of atomic-bomb survivors, 27th Annual Scientific Meeting of the Japan Epidemiological Association, 25-27 January 2017, Kofu

Ozasa K. Health effects observed among atomic bomb survivors, HU-RIRBM Seminar, 27 April 2017, Hiroshima

Cologne JB, Cordova KA, Kim YM, Sakata R, Ohishi W. Collaborative development of a causal model of liver cancer with biomarkers of intermediate latent factors: Structural equations with multiple imputation under a complex cohort-based sampling design, UHCC Biostatistics and Informatics Seminar, 9 May 2017, Honolulu, Hawaii, USA

Omonishi K, Ogawa I, Sugiyama H, Yonehara S, Ozasa K, Kajihara H, Noma J, Yamada H, Tsuya A, Takeshima Y, Hiroshima Prefecture Tumor Registry Working Committee. Characteristics of bone and odontogenic tumors registered in the Hiroshima Prefecture Tumor Registry, 26th Annual Meeting of the Japanese Association of Cancer Registries, 8-10 June 2017, Matsuyama

French B, Cologne JB, Sakata R, Utada M, Preston DL, Selection of reference groups in cohort studies, 38th Annual Conference of the International Society for Clinical Biostatistics, 9-13 July 2017, Vigo, Spain

Grant EJ, Brenner AV, Sugiyama H, Sakata R, Sadakane A, Utada M, Cahoon EK, Milder CM, Soda M, Cullings HM, Preston DL, Mabuchi K, Ozasa K. Solid cancer incidence among atomic bomb survivors in Hiroshima and Nagasaki: 1958-2009, 21st International Epidemiological Association World Congress of Epidemiology, 19-22 August 2017, Saitama

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Ozasa K. Late health effects among atomic bomb survivors, 21st International Epidemiological Association World Congress of Epidemiology, 19-22 August 2017, Saitama

Sadakane A, French B, Grant EJ, Sakata R, Sugiyama H, Utada M, Preston DL, Mabuchi K, Ozasa K. Incidence of liver, pancreas, and gallbladder cancer among atomic bomb survivors in Hiroshima and Nagasaki: 1958-2009, 21st International Epidemiological Association World Congress of Epidemiology, 19-22 August 2017, Saitama

Sakata R, Rajaraman P, Grant EJ, Sugiyama H, Sadakane A, Utada M, Mabuchi K, Ozasa K. Upper digestive cancer incidence among atomic bomb survivors in Hiroshima and Nagasaki: 1958-2009, 21st International Epidemiological Association World Congress of Epidemiology, 19-22 August 2017, Tokyo

Sugiyama H, Grant EJ, Sakata R, Sadakane A, Utada M, Preston DL, Misumi M, Mabuchi K, Ozasa K, RERF-NCI research group. Colon cancer incidence among atomic bomb survivors in Hiroshima and Nagasaki: 1958-2009, 21st International Epidemiological Association World Congress of Epidemiology, 19-22 August 2017, Saitama

Takahashi I, Shimizu Y, Grant EJ, Cologne JB, Ozasa K, Kodama K. Heart disease mortality in the Life Span Study, Japan, 1950-2008, 21st International Epidemiological Association World Congress of Epidemiology, 19-22 August 2017, Saitama

Utada M, Sakata R, Cologne JB, Grant EJ, Sugiyama H, Sadakane A, Preston DL, Mabuchi K, Ozasa K. Uterine cancer incidence among atomic bomb survivors in Hiroshima and Nagasaki: 1958-2009, 21st International Epidemiological Association World Congress of Epidemiology, 19-22 August 2017, Saitama

Kim J, Grant EJ, Preston DL, Mabuchi K, Sugiyama H, Sadakane A, Sakata R, Ozasa K. Urothelial cancer incidence among the Life Span Study of atomic bomb survivors: 1958 to 2009, ICRP-ERPW 2017, 10-12 October 2017, Paris, France

Ozasa K. Heterogeneity of dose-response at low dose level in the Life Span Study of atomic bomb survivors, ICRP-ERPW 2017, 10-12 October 2017, Paris, France

Sugiyama H, Misumi M, Grant EJ, Sakata R, Sadakane A, Utada M, Preston DL, Mabuchi K, Ozasa K. Radiation risk of incident colorectal cancer by anatomical site among atomic bomb survivors; 1958-2009, ICRP-ERPW 2017, 10-12 October 2017, Paris, France

Sakata R, Rajaraman P, Preston DL, Grant EJ, Mabuchi K, Ozasa K and the RERF-NCI Research Group. Radiation risk for cancer of the oral cavity and pharynx in the Life Span Study cohort, 63rd Annual Meeting of the Radiation Research Society, 15-18 October 2017, Cancun, Mexico

Sugiyama H, Saiga K, Hori M, Matsuda T, Ozasa K. Characteristics and time trend of malignant bone tumors diagnosed from 1957 to 2012 in Hiroshima City, Japan, 39th Annual

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Conference of the International Association of Cancer Registries, 17-19 October 2017, Utrecht, Netherlands

Hayashi T, Fujihara M, Nakagawa H, Morishita Y, Sasaki K, Maki M, Nagamura H, Fujita M, Wagner S, Jones K, Hicks B, Chanock SJ, Mabuchi K, Ozasa K. Study on the genomic sequence of DNA extracted from long-term preserve FFPE thyroid cancer tissues, Consortium of Biological Sciences 2017, 6-7 December 2017, Kobe

Ozasa K. Radiation epidemiology of cancer in atomic bomb survivors, Consortium of Biological Sciences 2017, 6-9 December 2017, Kobe