

1) Published and in-press reports (2020–Current):**<2022–Current>**

Brenner AV, Preston DL, Sakata R, Cologne JB, Sugiyama H, Utada M, Cahoon EK, Grant EJ, Mabuchi K, Ozasa K. Comparison of all solid cancer mortality and incidence dose-response in the Life Span Study of atomic bomb survivors, 1958-2009. *Radiat Res* 2022; 197(5):491-508

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 doses and smoking. *Radiat Environ Biophys* 2022; 61(1):59-72

Fujihara M, Sakata R, Yoshida N, Ozasa K, Preston DL, Mabuchi K. Incidence of lymphoid neoplasms among atomic bomb survivors by histological subtype: 1950-1994. *Blood* 2022; 139(2):217-27

Inoue CM, Freedman ND, Saito E, Tanaka S, Hirabayashi M, Saswada N, Tsugane S, Usui Y, Ito H, Wang C, Tamakoshi A, Takeuchi T, Kitamura Y, Utada M, Ozasa K, Sugawara Y, Tsuji I, Wada K, Nagata C, Shimazu T, Mizoue T, Matsuo K, Naito M, Tanaka K, Katanoda K, Inoue M. Low-intensity cigarette smoking and mortality risks: A pooled analysis of prospective cohort studies in Japan. *Int J Epidemiol* 2022; 51(4):1276-90

Ito K, Kakimoto T, Oda T, Yonehara S, Sugiyama H. Small bowel cancer in Hiroshima Prefecture: 2003-2018. *JACR Monograph* 2022; No.27:3-11 (in Japanese)

Ishikawa T, Yasumura S, Akahane K, Yonai S, Sakai A, Kurihara O, Hosoya M, Sakata R, Ohira T, Ohto H, Kamiya K. External doses available for epidemiological studies related to the Fukushima Health Management Survey: First 4-month individual doses and municipality-average doses for the first year. *J Epidemiol* 2022 ;32(S12):S11-22

Jang J, Lee S, Ko KP, Abe SK, Rahman S, Saito E, Islam R, Sawada N, Shu XO, Koh WP, Sadakane A, Tsuji I, Kim J, Oze I, Nagata C, Tsugane S, Cai H, Yuan JM, Gao YU, Ozasa K, Matsuyama S, Kanemura S, Shin A, Ito H, Wada K, Sugawara Y, Chen Y, Ahsan H, Boffetta P, Chia KS, Matsuo K, Qiao YL, Rothman N, Zheng W, Inoue M, Kang D, Park SK. Association between body mass index and risk of gastric cancer by anatomic and histologic subtypes in over 500,000 east and southeast asian cohort participants. *Cancer Epidemiol Biomarkers Prev* 2022; 31(9):1727-34

Lee S, Jang J, Abe SK, Rahman S, Saito E, Islam R, Gupta PC, Sawada N, Tamakoshi A, Shu XO, Koh WP, Sadakane A, Tsuji I, Kim J, Oze I, Nagata C, You SL, Shin MH, Pednekar MS, Tsugane S, Cai H, Yuan JM, Wen W, Ozasa K, Matsuyama S, Kanemura S, Shin A, Ito H, Wada K, Sugawara Y, Chen CJ, Ahn YO, Chen Y, Ahsan H, Boffetta P, Chia KS, Matsuo K, Qiao YL, Rothman N, Zheng W, Inoue M, Kang D, Park SK. Association between body mass index and oesophageal cancer mortality: A pooled analysis of prospective cohort studies with > 800 000 individuals in the Asia Cohort Consortium. *Int J Epidemiol* 2022;51(4):1190-1203.

LIST OF PUBLICATIONS AND MEETING PRESENTATIONS

Department of Epidemiology

Page 2

Leung CY, Huang HL, Abe SK, Saito E, Islam R, Rahman S, Ikeda A, Sawada N, Tamakoshi A, Gao YT, Koh WP, Shu XO, Sakata R, Tsuji I, Kim J, Park SK, Nagata C, You SL, Yuan JM, Shin MH, Pan WH, Tsugane S, Kimura T, Wen W, Cai H, Ozasa K, Matsuyama S, Kanemura S, Sugawara Y, Shin A, Wada K, Chen CJ, Wang R, Ahn YO, Ahsan H, Boffetta P, Chia KS, Matsuo K, Qiao YL, Rothman N, Zheng W, Kang D, Inoue M. Association of Marital Status With Total and Cause-Specific Mortality in Asia. *JAMA Network Open*. 2022;5(5):e2214181.

Little MP, Brenner AV, Grant EJ, Sugiyama H, Preston DL, Sakata R, Cologne JB, Velazquez-Kronen R, Utada M, Mabuchi K, Ozasa K, Olson JD, Dugan GO, Pazzaglia S, Cline JM, Applegate KE. Age effects on radiation response: Summary of a recent symposium and future perspectives. *Int J Radiat Biol* 2022 [Epub]:1-34

Matsuda T, Sugiyama H, Konda M, Saika K. Rare Cancer Data Book based on the Population-based Cancer Registries in Japan. *The Japanese Association of Cancer Registries* 2022. ISBN 978-4-925059-58-9

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. *Report of Epidemiological Study of Health Effects in Radiation Workers* 2022; FY2021:267p (in Japanese)

Ozasa K. Health effects of atomic bomb radiation in 1945--Epidemiological investigations. Health Effects of the Fukushima Nuclear Disaster. *Elsevier* 2022 pp123-37

Shin A, Cho S, Jang D, Abe SK, Saito E, Rahman MS, Islam MR, Sawada N, Shu XO, Koh WP, Sadakane A, Tsuji I, Sugawara Y, Ito H, Nagata C, Park SK, Yuan JM, Kim J, Tsugane S, Cai H, Wen W, Ozasa K, Matsuyama S, Kanemura S, Oze I, Wada K, Wang R, Yoo KY, Potter JD, Ahsan H, Boffetta P, Chia KS, Matsuo K, Qiao YL, Rothman N, Zheng W, Inoue M, Kang D. Body mass index and thyroid cancer risk: A pooled analysis of half a million men and women in the Asia Cohort Consortium. *Thyroid* 2022; 32(3):306-14

Shin S, Lee JE, Loftfield E, Shu XO, Abe SK, Rahman S, Saito E, Islam R, Tsugane S, Sawada N, Tsuji I, Kanemura S, Sugawara Y, Tomata Y, Sadakane A, Ozasa K, Oze I, Ito H, Shin MH, Ahn YO, Park SK, Shin A, Xiang YB, Cai H, Koh WP, Yuan JM, Yoo KY, Chia KS, Boffetta P, Ahsan H, Zheng W, Inoue M, Kang D, Potter JD, Matsuo K, Qiao YL, Rothman N, Sinha R. Coffee and tea consumption and mortality from all causes, cardiovascular disease and cancer: A pooled analysis of prospective studies from the Asia Cohort Consortium. *Int J Epidemiol* 2022; 51(2):626-40

Shrestha RM, Mizoue T, Sawada N, Matsuo K, Wada K, Tanaka K, Lin YS, Sugawara Y, Takimoto H, Kimura T, Ito H, Kitamura T, Sakata R, Tanaka S, Inoue M. Adult height in relation to the risk of colorectal cancer among the Japanese population: An evaluation based on systematic review and meta-analysis. *Jpn J Clin Oncol* 2022; 52(4):322-30

Tamura T, Wakai K, Lin YS, Tamakoshi A, Utada M, Ozasa K, Sugawara Y, Tsuji I, Ono A,

Sawada N, Tsugane S, Ito H, Nagata C, Kitamura T, Naito M, Tanaka K, Shimazu T, Mizoue T, Matsuo K, Inoue M. Alcohol intake and stomach cancer risk in Japan: A pooled analysis of six cohort studies. *Cancer Sci* 2022; 113(1):261-76

Tanaka R, Sugiyama H, Saika K, Matsuzaka M, Sasaki Y. Difference in net survival using regional and national life tables in Japan. *Cancer Epidemiol* 2022; 81:102269

Tatsukawa Y, Cordova KA, 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

Wilunda C, Abe SK, Svensson T, Sawada N, Tsugane S, Wada K, Nagata C, Kimura T, Tamakoshi A, Sugawara Y, Tsuji I, Ito H, Kitamura T, Sakata R, Mizoue T, Matsuo K, Tanaka Y, Lin Y, Inoue M. Sleep duration and risk of cancer incidence and mortality: A pooled analysis of six population-based cohorts in Japan. *Int J Cancer* 2022; 151(7):1068-80

<In Press>

Sposto R, Sugiyama H, Tsuruyama T, Brenner AV. Effect of radiation exposure on survival after first solid cancer diagnosis in A-bomb survivors. *Cancer Epidemiol*

Sugiyama H, Konda M, Saika K, Trama A, Matsuda T. Increased incidence of rare cancers and varied age distributions by cancer group: A population-based cancer registry study in Hiroshima prefecture, Japan. *Cancer Epidemiol*

<Submitted>

Koyanagi Y, Matsuo K, Ito H, Wang C, Tamakoshi A, Sugawara Y, Tsuji I, Ono A, Tsugane S, Sawada N, Wada K, Nagata C, Takeuchi T, Kitamura T, Utada M, Sakata R, Mizoue T, Abe S, Inoue M. Body mass index and esophageal and gastric cancer: a pooled analysis of ten population-based cohort studies in Japan. *Cancer Science*

Tsai K, Brenner AV, Sugiyama H, Utada M, Morenz E, Carone M, French B, Phipps A. Effect Modification by Reproductive Factors on Radiation-Related Lung Cancer Risk among Atomic Bomb Survivors. *Radiat Res*

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 incidence among atomic-bomb survivors. *Radiat Res*.

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 Advances*.

2) Meeting Presentations (January 2022-December 2022):

Brenner AV. "Dose-response curvature for all solid cancer mortality and incidence in the LSS: comparative analysis". ISoRED, 12 January 2022, Online.

Kadowaki Y, Furukawa K. Evaluation of the lifetime brain/central nervous system cancer risk associated with childhood head CT scanning in Japan. 32nd Annual Scientific Meeting of the Japan Epidemiological Association, 26-28 January 2022, Chiba

Sugiyama H, Konda M, Saika K, Matsuda T. Comparison of cancer incidence rates by prefecture using RARE CAREnet list based on the National Cancer Registry data. 32nd Annual Scientific Meeting of the Japan Epidemiological Association, 26-28 January 2022, Chiba

Sugiyama H. Epidemiology of rare cancer. 5th Survey and Study Group on Cancer Statistics, 3 February 2022, Online

Ozasa K. Recent finding in radiation epidemiology. 81st Annual Meeting of the Japan Radiological Society 14-17 April 2022, Yokohama

Sakata R. Epidemiological studies for site-specific characteristics of radiation carcinogenesis. 8th Webiner for introduction of studies and laboratories of the JRRS 27 May 2022, Online

Sakata R. Congenital malformations and perinatal deaths among the children of atomic bomb survivors--A reappraisal. Effects of Ionising Radiation Exposure in Offspring and Next Generations Workshop, 31 May-2 June 2022, Budapest, Hungary, Online

Oda T, Nogami M, Nozaki A, Konda M, Shinozuka N, Ito K, Kakimoto T, Nakamura M, Haragami S, Sugiyama H. Aggregation of childhood cancer and AYA cancer in Hiroshima prefecture by international classification. 31st Annual Meeting of the Japanese Association of Cancer Registries 2-4 June 2022, Nagano

Sugiyama H, Konda M, Saika K, Matsuda T. The regional comparison of rare and common cancer incidence by prefecture according to the RARECAREnet list. 31st Annual Meeting of the Japanese Association of Cancer Registries 2-4 June 2022, Nagano

Sugiyama H, Konda M, Saika K, Matsuda T. Temporal trend of cancer incidence for 68 cancer types in Japan based on the rare cancer classification: 2011-2018. Scientific Meeting for Cancer Prevention 2022 Kyoto 1-2 July 2022, Kyoto

Ozasa K. Radiation risk of cancer incidence in the Life Span Study of atomic bomb survivors. HPS 2022, 67th Annual meeting 17-21 July 2022, Spokane, Washington, USA, Online

Sakata R. Life Span Study of atomic bomb survivors--From the resent results. 65th Annual Meeting of the Japanese Radiation Research Society 15-17 September 2022, Osaka

Utada M, Mabuchi K, Brenner AV, Preston DL, Yamada M, Sugiyama H, Grant EJ, Ozasa K, Sakata R. The effect of prostate-specific antigen (PSA) test on radiation risk estimate for prostate cancer among atomic-bomb survivors: 1958-2009. 65th Annual Meeting of the Japanese Radiation Research Society 15-17 September 2022, Osaka

Sugiyama H, Saika K, Matsuda T. Temporal trend and geographical heterogeneity of rare cancer incidence based on the population-based cancer registries in Japan: 2011-2018. 81st Annual Meeting of the Japanese Cancer Association 29 September-1 October 2022, Yokohama

Brenner AV, Preston DL, Sugiyama H, Cologne JB, Sakata R, Grant EJ, Utada M, Sposto R, Ozasa K, Mabuchi K. Joint analyses of cancer site-specific radiation risks in the Life Span Study: 1958-2009. 68th Annual Meeting of the Radiation Research Society 16-19 October 2022, Hawaii, USA

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. Sex-specific differences in radiation risks of the incidence of solid cancers in the Life Span Study: 1958-2009. 68th Annual Meeting of the Radiation Research Society 16-19 October 2022, Hawaii, USA

Kadowaki Y, Furukawa K. Evaluation of the lifetime brain/central nervous system cancer risk associated with childhood head CT scanning in Japan. 68th Annual Meeting of the Radiation Research Society 16-19 October 2022, Hawaii, USA

Sakata R, Tatsukawa Y, Yamada M. The results of a reappraisal of congenital malformations and perinatal deaths among the children of atomic bomb survivors. 68th Annual Meeting of the Radiation Research Society 16-19 October 2022, Hawaii, USA

Sugiyama H. Epidemiology of rare cancer based on the population-based cancer registries. The 6th Survey and Study Group on Cancer Statistics 26 October 2022, Online

Sugiyama H, Konda M, Saika K, Matsuda T. Time trend and geographical variation of rare cancer incidence in Japan: 2011-2018. Annual Conference of the International Association of Cancer Registries 8-10 November 2022, Online

Sakata R. Epidemiological study of atomic bomb survivors. 51st Annual Meeting of the Japanese Environmental Mutagen and Genome Society 15-16 November 2022, Hiroshima

Sugiyama H. Rare cancer incidence based on the population-based cancer registry and epidemiology of sarcoma in Japan. 7th JSA Annual Meeting 19 November 2022, Online