

## LIST OF PUBLICATIONS AND MEETING PRESENTATIONS

Department of Epidemiology

Page 1

### 1) Published and in-press reports (2019–Current):

#### <2019–Current>

Abe SK, Saito E, Sawada N, Tsugane S, Ito H, Lin Y, Tamakoshi A, Kitamura Y, Sobue T, Sugawara Y, Tsuji I, Nagata C, Sadakane A, Shimazu T, Mizoue T, Matsuo K, Naito M, Tanaka K, Inoue M for the Research Group for the Development and Evaluation of Cancer Prevention Strategies in Japan. Coffee consumption and mortality in Japanese men and women: a pooled analysis of eight population-based cohort studies in Japan. *Prevent Med* 2019; 123:270-7.

Abe SK, Saito E, Sawada N, Tsugane S, Ito H, Lin Y, Tamakoshi A, Kitamura Y, Sobue T, Sugawara Y, Tsuji I, Nagata C, Sadakane A, Shimazu T, Mizoue T, Matsuo K, Naito M, Tanaka K, Inoue M for the Research Group for the Development and Evaluation of Cancer Prevention Strategies in Japan. Green tea consumption and mortality in Japanese men and women: a pooled analysis of eight population-based cohort studies in Japan. *Eur. J Epidemiol* 2019; 34(10): 917-926.

Brenner AV. In memoriam Charles E Land, 1973-2018. *J. Radiol. Prot.* 39 (2019) 662-664.

Cologne JB, Kim J, Sugiyama H, French B, Cullings HM, Preston DL, Mabuchi K, Ozasa K. Effect of heterogeneity in background incidence on inference about the solid-cancer radiation dose response in atomic-bomb survivors. *Radiat Res* 2019; 192(4):388-98.

Cologne JB, Takahashi I, French B, Nanri A, Misumi M, Sadakane A, Cullings HM, Araki Y, Mizoue T. Association of weight fluctuation with mortality in Japanese adults. *JAMA Network Open* 2019; 2(3): e190731.

Hosgood HD, Klugman M, Matsuo K, White AJ, Sadakane A, Shu XO, Lopez-Ridaura R, Shin A, Tsuji I, Malekzadeh R, Noisel N, Bhatti P, Yang G, Saito E, Rahman S, Hu W, Bassig B, Downward G, Vermeulen R, Xue X, Rohan T, Abe SK, Broët P, Grant EJ, Dummer TJB, Rothman N, Inoue M, Lajous M, Yoo KY, Ito H, Sandler DP, Ashan H, Zheng W, Boffetta P, Lan Q. The establishment of the Household Air Pollution Consortium (HAPCO). *Atmosphere* 2019; 10(7):1-9.

Islam Z, Akter S, Kashino I, Mizoue T, Sawada N, Mori N, Yamagiwa Y, Tsugane S, Naito M, Tamakoshi A, Wada K, Nagata C, Sugawara Y, Tsuji I, Matsuo K, Ito H, Lin Y, Kitamura Y, Sadakane A, Tanaka K, Shimazu T, and Inoue M for the Research Group for the Development and Evaluation of Cancer Prevention Strategies in Japan. Meat subtypes and colorectal cancer risk: a pooled analysis of 6 cohort studies in Japan. *Cancer Sci* 2019; 110(11):3603-14.

Koyanagi Y, Ito H, Matsuo K, Sugawara Y, Hidaka A, Sawada N, Wada K, Nagata C, Tamakoshi A, Lin Y, Takeuchi T, Kitamura Y, Utada M, Sadakane A, Mizoue T, Naito M, Tanaka K, Shimazu T, Tsugane S, Inoue M, for the Research Group for the Development and Evaluation of Cancer Prevention Strategies in Japan. Smoking and pancreatic cancer incidence: A pooled analysis of ten population-based cohort studies in Japan. *Cancer Epidemiol Biomarkers Prev* 2019; 28(8):1370-8.

## LIST OF PUBLICATIONS AND MEETING PRESENTATIONS

Department of Epidemiology

Page 2

Masaoka H, Matsuo K, Oze I, Ito H, Naito M, Wada K, Nagata C, Nakayama T, Kitamura Y, Sadakane A, Tamakoshi A, Tsuji I, Sugawara Y, Sawada N, Mizoue T, Inoue M, Tanaka K, Tsugane S, Shimazu T, for the Research Group for the Development and Evaluation of Cancer Prevention Strategies in Japan. Alcohol drinking and bladder cancer risk from a pooled analysis of ten cohort studies in Japan. *J Epidemiol* 2019/06/15 (Epub),

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

Ozasa K. Life Span Study. Cohort study of atomic bomb survivors of Japan. *Access to Infrastructures for Radiation protection Research* 2019; 39:3.

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

Sadakane A, French B, Brenner AV, Preston DL, Sugiyama H, Grant EJ, Sakata R, Utada M, Cahoon EK, Mabuchi K, Ozasa K. Radiation and risk of liver, biliary tract, and pancreatic cancers among atomic bomb survivors in Hiroshima and Nagasaki: 1958-2009. *Radiat Res* 2019; 192(3):299-310.

Sadakane A, Landes RD, Sakata R, Nagano J, Shore RE, Ozasa K. Medical radiation exposure among atomic bomb survivors: Understanding its impact on risk estimates of atomic bomb radiation. *Radiat Res* 2019; 191(6):507-17.

Sakata R, Preston DL, Brenner AV, Sugiyama H, Grant EJ, Rajaraman P, Sadakane A, Utada M, French B, Cahoon EK, Mabuchi K, Ozasa K. Radiation-related risk of cancers of the upper digestive tract among Japanese atomic bomb survivors. *Radiat Res* 2019; 192(3):331-44.

Sentani K, Ogawa I, Ozasa K, Sadakane A, Utada M, Tsuya T, Kajihara H, Yonehara S, Takeshima Y, Yasui W, on behalf of the Hiroshima Tumor Tissue Registry Working Committee. Characteristics of 5015 salivary gland neoplasms registered in the Hiroshima Tumor Tissue Registry over a period of 39 Years. *J Clin Med* 2019/04/26 (Epub); 8(5): E566.

Sugiyama H, Misumi M, Brenner AV, Grant E, 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. *Int J Cancer* 2020; 146(3):635-45.

Tanaka K, Tamakoshi A, Sugawara Y, Mizoue T, Inoue M, Sawada N, Matsuo K, Ito H, Naito M, Nagata C, Kitamura Y, Sadakane A, Tsugane S, Shimazu T, for the Research Group for the Development and Evaluation of Cancer Prevention Strategies in Japan. Coffee, green tea and liver cancer risk: an evaluation based on a systematic review of epidemiologic evidence among the Japanese population. *Japanese Journal of Clinical Oncology* 2019, 49 (10):972–984.

## LIST OF PUBLICATIONS AND MEETING PRESENTATIONS

Department of Epidemiology

Page 3

Tronko M, Brenner AV, Bogdanova T, Shpak V, Cahoon EK, Drozdovitch V, Little MP, Tereshchenko V, Zamotayeva G, Terekhova G, Zurnadzhi L, Hatch M, Mabuchi K. Reply to letter: Thyroid neoplasia after Chernobyl: a comment. *Int J Cancer* 2019; 144(11):2898.

Ugai T, Ito H, Oze I, Saito E, Rahman MS, Boffetta P, Gupta PC, Sawada N, Tamakoshi A, Shu XO, Koh WP, Gao YT, Sadakane A, Tsuji I, Park SK, Nagata C, You SL, Pednekar MS, Tsugane S, Cai H, Yuan JM, Xiang YB, Ozasa K, Tomata Y, Kanemura S, Sugawara Y, Wada K, Chen CJ, Yoo KY, Chia KS, Ahsan H, Zheng W, Inoue M, Kang D, Potter J, Matsuo K. Association of body mass index, smoking and alcohol with multiple myeloma mortality in Asians: a pooled analysis of more than 800,000 subjects in the Asia Cohort Consortium. *Cancer Epidemiology, Biomarkers and Prevention* 2019; doi: 10.1158/1055-9965.EPI-19-0389.

Utada M, Chernyavskiy P, Lee WJ, Franceschi S, Sauvaget C, de Gonzalez AM, Withrow DR. Increasing risk of uterine cervical cancer among young Japanese women: Comparison of incidence trends in Japan, South Korea and Japanese- Americans between 1985 and 2012. *Int J Cancer* 2019; 144(9):2144-52.

Utada M, Yonehara S, Ozasa K. Historical changes in histological diagnosis of lung cancer. *J Epidemiol* 2019; 29(6):238-40.

Yamagishi K, Iso H, Shimazu T, Tamakoshi A, Sawada N, Matsuo K, Ito H, Wakai K, Nakayama T, Kitamura Y, Sado J, Tsuji I, Sugawara Y, Mizoue T, Inoue M, Nagata C, Sadakane A, Tanaka K, Tsugane S, Sasazuki S; Research Group for the Development and Evaluation of Cancer Prevention Strategies in Japan. Fish intake and risk of mortality due to aortic dissection and aneurysm: A pooled analysis of the Japan cohort consortium *Clin Nutr*. 38 (2019) 1678-83.

Yang K, Zhang Y, Saito E, Rahman MS, Gupta PC, Sawada N, Tamakoshi A, Gao YT, et al. (RERF: Sadakane A, Ozasa K). Association between educational level and total and cause-specific mortality: A pooled analysis of over 694,000 individuals in the Asia Cohort Consortium. *BMJ Open* 2019; 9(8): e026225.

Yang JJ, Yu D, et al. (RERF: Sadakane A, Grant EJ). Association of diabetes with all-cause and cause-specific mortality in Asia: A pooled analysis of more than 1 million participants. *JAMA Network Open* 2019; 4(2): e192696.

Yang JJ, Yu D, et al. (RERF: Sadakane A, Grant EJ). Tobacco smoking and mortality in Asia: A pooled meta-analysis. *JAMA Network Open* 2019; 2(3): e191474.

### <In Press>

Brenner AV, Sugiyama H, Preston DL, Sakata R, French B, Sadakane A, Cahoon EK, Utada M, Mabuchi K, Ozasa K. Radiation risk of central nervous system tumors in the Life Span Study of atomic bomb survivors, 1958-2009. *Eur J Epidemiol* 2020 Jun;35(6):591-600. doi: 10.1007/s10654-019-00599-y. Epub 2020 Jan 25.

Schoemaker MJ, Nichols HB, Wright LB, et al. (RERF: Ozasa K, Sadakane A). Adult weight

## LIST OF PUBLICATIONS AND MEETING PRESENTATIONS

Department of Epidemiology

Page 4

change and premenopausal breast cancer risk: a prospective pooled analysis of data from 628,463 women. *Int J Cancer* 2020 Sep 1;147(5):1306-1314. doi: 10.1002/ijc.32892. Epub 2020 Feb 15.

### <Submitted>

Applegate KE, Ruehm W, Wojcik A, et al (RERF: Sakata R, Sadakane A, Imaizumi M, Yoshida K, Hamasaki K, Brenner AV, Ozasa K). Individual response of humans to ionising radiation - governing factors and importance for radiological protection.

French B, Sadakane A, Cologne JB, Mabuchi K, Ozasa K, Preston DL. Misclassification of primary liver cancer in the Life Span Study of atomic bomb survivors.

Mabuchi K, Preston DL, Brenner AV, Sugiyama H, Utada M, Sakata R, Sadakane A, Grant EJ, French B, Cahoon EK, Ozasa K. Increased risk of prostate cancer among atomic bomb survivors: 1958-2009.

### 2) Meeting Presentations (January 2019-December 2019):

Ozasa K. Epidemiological studies of late health effects of atomic bomb radiation in Hiroshima and Nagasaki, 29th Annual Scientific Meeting of the Japan Epidemiological Association, 30 January -1 February 2019, Tokyo.

Sadakane A, Yonehara S, Nishisaka T, Nakashima M, Brenner AV, Ozasa K. Intrinsic subtypes of radiation-associated breast cancers among female atomic bomb survivors, 29th Annual Scientific Meeting of the Japan Epidemiological Association, 30 January -1 February 2019, Tokyo.

Sugiyama H, Omonishi K, Yonehara S, Ozasa K, Kajihara H, Tsuya T, Takeshima Y, Radiation risk for esophageal cancers in the Life Span Study, 29th Annual Scientific Meeting of the Japan Epidemiological Association, 30 January -1 February 2019, Tokyo.

Utada M, Brenner AV, Preston DL, Sakata R, Cologne JB, Grant EJ, Sugiyama H, Sadakane A, Mabuchi K, Ozasa K. Effect of age at exposure on risk of uterine corpus cancer incidence in atomic bomb survivors, 29th Annual Scientific Meeting of the Japan Epidemiological Association, 30 January -1 February 2019, Tokyo.

Sugiyama H, Misumi M, Brenner AV, Grant EJ, Sakata R, Sadakane A, Utada M, Preston DL, Mabuchi K, Ozasa K. Radiation risk of colorectal cancer by anatomical site among atomic bomb survivors: 1958-2009, NAACCR/IACR Combined Annual Conference, 8-13 June 2019, Vancouver, Canada.

Bockwoldt B, Sugiyama H, Brenner AV, Hu A, Kerr K, Bhatti P, Grant EJ, French B, Phipps A. Gastrointestinal cancer survival among atomic bomb survivors, Annual Meeting of the Society for Epidemiologic Research, 18-21 June 2019, Minneapolis, MN, USA.

Ichimura K, Sugiyama H, Hiroshima Tumor Tissue Registry Operating Committee. Lymphoid neoplasms registered in the Hiroshima Tumor Tissue Registry: 1973-2014, 28th

## LIST OF PUBLICATIONS AND MEETING PRESENTATIONS

Department of Epidemiology

Page 5

Annual Meeting of the Japanese Association of Cancer Registries, 19-21 June 2019, Sapporo.

Utada M, Brenner AV, Sakata R, Cologne JB, Grant EJ, Sugiyama H, Sadakane A, Preston DL, Mabuchi K, Ozasa K. Risk of uterine cervical cancer incidence among atomic-bomb survivors: 1958-2009, 26th Conference on Japanese Association for Cancer Prevention, 28-29 June 2019, Hiroshima.

Little MP, Misumi M, Ozasa K, Grant EJ. Bayesian dosimetric error models fitted to Japanese A-bomb Life Span Study mortality data and predicted population cancer and non-cancer risk , 16th International Congress of Radiation Research, 25-29 August 2019, Manchester, UK.

Ozasa K. Non-cancer effects among atomic bomb survivors, 16th International Congress of Radiation Research, 25-29 August 2019, Manchester, UK.

Sakata R, Preston DL, Brenner AV, Sugiyama H, Grant EJ, Sadakane A, Utada M, French B, Cahoon EK, Mabuchi K, Ozasa K. Radiation risk of upper digestive tract cancers among atomic-bomb survivors in Hiroshima and Nagasaki: 1958-2009, 16th International Congress of Radiation Research, 25-29 August 2019, Manchester, UK.

Sugiyama H, Misumi M, Ozasa K. Mortality risk of in-utero exposure to atomic bomb radiation: 1950-2012, 16th International Congress of Radiation Research, 25-29 August 2019, Manchester, UK.

Utada M, Brenner AV, Sakata R, Cologne JB, Grant EJ, Sugiyama H, Sadakane A, Preston DL, Mabuchi K, Ozasa K. Radiation risk of uterine corpus cancer among atomic-bomb survivors in Hiroshima and Nagasaki: 1958-2009, 16th International Congress of Radiation Research, 25-29 August 2019, Manchester, UK.

Ozasa K. Recent progress in Life Span Study of atomic bomb survivors in Japan, 40th Korean Society of Epidemiology 19 September 2019, Seoul, South Korea.

Sakata R, Brenner AV, Sugiyama H, Utada M, Ozasa K. The effects of low-dose radiation exposure in atomic bomb survivor study, 62nd Annual Meeting of the Japan Radiation Research Society, 14-16 November 2019, Kyoto.

Brenner AV, Cologne JB, Sugiyama H, French B, Sakata R, Grant EJ, Mabuchi K, Preston DL, Ozasa K. All solid cancer incidence and mortality dose-response in the Life Span Study of atomic bomb survivors, 5th International Symposium on Radiation Protection 17-21 November 2019, Adelaide, Australia.