

## 公衆衛生学講座

### Public Health

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#### ◆ 原 著

- 1) Guu T, Mischoulon D, Sarris J, Hibbeln J, McNamara R.K, Hamazaki K, Freeman MP, Maes M, Matsuoka YJ, Belmaker R.H, Jacka F, Pariante C, Berk M, Marx W, Su KP. International Society for Nutritional Psychiatry Research (ISNPR) Practice Guidelines for Omega-3 Fatty Acids in the Treatment of Major Depressive Disorder. *Psychother Psychosom.* 2019; 88(5): 263-73. doi: 10.1159/000502652.
- 2) Nishi D, Su KP, Usuda K, Chang JPC, Chiang YJJ, Guu TW, Hamazaki K, Nakaya N, Sone T, Hashimoto K, Hamazaki T, Matsuoka YJ. Differences between Japan and Taiwan in the treatment of pregnant women with depressive symptoms by omega-3 fatty acids: an open label pilot study. *Nutr Neurosci.* 2019 Jan; 22: 63-71. doi: 10.1080/1028415X.2017.1354540.
- 3) Michikawa T, Yamazaki S, Ono M, Kuroda T, Nakayama SF, Suda E, Isobe T, Iwai-Shimada M, Kobayashi Y, Tamura K, Yonemoto J, Kawamoto T, Nitta H; Japan Environment and Children's Study Group. Fish consumption in early pregnancy and congenital gastrointestinal tract atresia in the Japan Environment and Children's Study. *Br J Nutr.* 2019 Jan 14; 121(1): 100-8. doi: 10.1017/S0007114518002842.
- 4) Hirokawa K, Kimura T, Ikehara S, Honjo K, Sato T, Ueda K, Iso H; Japan Environment & Children's Study Group. Associations between broader autism phenotype (BAP) and maternal attachment are moderated by maternal postpartum depression when infants are one month old: A prospective study of the Japan environment & children's study. *J Affect Disord.* 2019 Jan 15; 243: 485-93. doi: 10.1016/j.jad.2018.09.060.
- 5) Feng QW\*, Cui ZG, Jin YJ, Sun L, Li ML, Zakki SA, Zhou DJ, Inadera H. Protective effect of dihydromyricetin on hyperthermia-induced apoptosis in human myelomonocytic lymphoma cells. *Apoptosis.* 2019 Jan 25; 24(3-4): 290-300. doi: 10.1007/s10495-019-01518-y.
- 6) Michikawa T, Yamazaki S, Ono M, Kuroda T, Nakayama SF, Suda E, Isobe T, Iwai-Shimada M, Kobayashi Y, Yonemoto J, Tamura K, Kawamoto T, Nitta H; Japan Environment and Children's Study Group. Isoflavone Intake in Early Pregnancy and Hypospadias in the Japan Environment and Children's Study. *Urology.* 2019 Feb; 124: 229-36. doi: 10.1016/j.urology.2018.11.008.
- 7) Watanabe Z, Nishigori H, Tanoue K, Tanaka K, Iwama N, Satoh M, Murakami T, Nishigori T, Mizuno S, Sakurai K, Ishikuro M, Obara T, Tatsuta N, Saito M, Tachibana M, Fujiwara I, Arima T, Takeda T, Kuriyama S, Nakai K, Yaegashi N, Metoki H; Japan Environment & Children's Study Group. Preconception dysmenorrhea as a risk factor for psychological distress in pregnancy: The Japan Environment and Children's Study. *J Affect Disord.* 2019 Feb 15; 245(): 475-83. doi: 10.1016/j.jad.2018.11.061.
- 8) Tayama J, Ogawa S, Nakaya N, Sone T, Hamaguchi T, Takeoka A, Hamazaki K, Okamura H, Yajima J, Kobayashi M, Hayashida M, Shirabe S. Omega-3 polyunsaturated fatty acids and psychological intervention for workers with mild to moderate depression: a double-blind randomized controlled trial. *J Affect Disord.* 2019 Feb 15; 245: 364-70. doi: 10.1016/j.jad.2018.11.039.
- 9) Okubo R, Noguchi H, Hamazaki K, Sekiguchi M, Kinoshita T, Katsumata N, Narisawa T, Uezono Y, Xiao J, Matsuoka YJ. Fear of cancer recurrence among breast cancer survivors could be controlled by prudent dietary modification with polyunsaturated fatty acids. *J Affect Disord.* 2019 Feb 15; 245: 1114-8. doi: 10.1016/j.jad.2018.12.014.
- 10) Nagata C, Yang L, Yamamoto-Hanada K, Mezawa H, Ayabe T, Ishizuka K, Konishi M, Ohya Y, Saito H, Sago H; Japan Environment & Children's Study Group. Complications and adverse outcomes in pregnancy and childbirth among women who conceived by assisted reproductive technologies: a nationwide birth cohort study of Japan environment and children's study. *BMC Pregnancy Childbirth.* 2019 Feb 20; 19(1): 77. doi: 10.1186/s12884-019-2213-y.
- 11) Hattori H, Kitamura A, Takahashi F, Kobayashi N, Sato A, Miyauchi N, Nishigori H, Mizuno S, Sakurai K, Ishikuro M,

- Obara T, Tatsuta N, Nishijima I, Fujiwara I, Kuriyama S, Metoki H, Yaegashi N, Nakai K, Arima T; Japan Environment and Children's Study Group. The risk of secondary sex ratio imbalance and increased monozygotic twinning after blastocyst transfer: data from the Japan Environment and Children's Study. *Reprod Biol Endocrinol.* 2019 Feb 22; 17(1): 27. doi: 10.1186/s12958-019-0471-1.
- 12) Tsuchida A, Hamazaki K, Matsumura K, Miura K, Kasamatsu H, Inadera H; Japan Environment and Children's Study (JECS) Group. Changes in the association between postpartum depression and mother-infant bonding by parity: Longitudinal results from the Japan Environment and Children's Study. *J Psychiatr Res.* 2019 Mar; 110: 110-116. doi: 10.1016/j.jpsychires.2018.11.022.
- 13) Kanatani KT, Nakayama T, Adachi Y, Hamazaki K, Onishi K, Konishi Y, Kawanishi Y, Go T, Sato K, Kurozawa Y, Inadera H, Konishi I, Sasaki S, Oyama H; Japan Environment and Children's Study Group. High frequency of vitamin D deficiency in current pregnant Japanese women associated with UV avoidance and hypo-vitamin D diet. *PLoS One.* 2019 Mar 4; 14(3): e0213264. doi: 10.1371/journal.pone.0213264.
- 14) Nomura K, Karita K, Araki A, Nishioka E, Muto G, Iwai-Shimada M, Nishikitani M, Inoue M, Tsurugano S, Kitano N, Tsuji M, Iijima S, Ueda K, Kamijima M, Yamagata Z, Sakata K, Iki M, Yanagisawa H, Kato M, Inadera H, Kokubo Y, Yokoyama K, Koizumi A, Otsuki T. For making a declaration of countermeasures against the falling birth rate from the Japanese Society for Hygiene: summary of discussion in the working group on academic research strategy against an aging society with low birth rate. *Environ Health Prev Med.* 2019 Mar 5; 24(1): 14-14. doi: 10.1186/s12199-019-0768-x.
- 15) Ishitsuka K, Yamamoto-Hanada K, Ayabe T, Mezawa H, Konishi M, Saito-Abe M, Ohya Y; Japan Environment and Children's Study Group. Risky Health Behaviors of Teenage Mothers and Infant Outcomes in the Japan Environment and Children's Study: A Nationwide Cohort Study. *J Pediatr Adolesc Gynecol.* 2019 Apr; 32(2): 146-52. doi: 10.1016/j.jpag.2018.10.009.
- 16) Komori K, Komori M, Eitoku M, Joelle Muchanga SM, Ninomiya H, Kobayashi T, Suganuma N; Japan Environment and Children's Study (JECS) Group. Verbal abuse during pregnancy increases frequency of newborn hearing screening referral: The Japan Environment and Children's Study. *Child Abuse Negl.* 2019 Apr; 90: 193-201. doi: 10.1016/j.chab.2019.01.025.
- 17) Kobayashi S, Kishi R, Saijo Y, Ito Y, Oba K, Araki A, Miyashita C, Itoh S, Minatoya M, Yamazaki K, Ait Bamai Y, Sato T, Yamazaki S, Nakayama SF, Isobe T, Nitta H; Japan Environment and Children's Study Group. Association of blood mercury levels during pregnancy with infant birth size by blood selenium levels in the Japan Environment and Children's Study: A prospective birth cohort. *Environ Int.* 2019 Apr; 125: 418-29. doi: 10.1016/j.envint.2019.01.051.
- 18) Kanatani KT, Adachi Y, Hamazaki K, Onishi K, Go T, Hirabayashi K, Watanabe M, Sato K, Kurozawa Y, Inadera H, Oyama H, Nakayama T; Japan Environment and Children's Study Group. Association between vitamin D deficiency and allergic symptom in pregnant women. *PLoS One.* 2019 Apr 10; 14(4): e0214797. doi: 10.1371/journal.pone.0214797.
- 19) Li M\*, Cui ZG, Zakki SA, Feng Q, Sun L, Feril LB Jr, Inadera H. Aluminum chloride causes 5 - fluorouracil resistance in hepatocellular carcinoma HepG2 cells. *J Cell Physiol.* 2019 Apr 16; 234(11): 20249-65. doi: 10.1002/jcp.28625.
- 20) Hamazaki K, Tsuchida A, Takamori A, Tanaka T, Ito M, Inadera H; Japan Environment and Children's Study (JECS) Group. Dietary intake of fish and  $\omega$ -3 polyunsaturated fatty acids and physician-diagnosed allergy in Japanese population: The Japan Environment and Children's Study. *Nutrition.* 2019 May; 61: 194-201. doi: 10.1016/j.nut.2018.11.010.
- 21) Yamamoto M, Sakurai K, Eguchi A, Yamazaki S, Nakayama SF, Isobe T, Takeuchi A, Sato T, Hata A, Mori C, Nitta H; Japan Environment and Children's Study Group. Association between blood manganese level during pregnancy and birth size: The Japan environment and children's study (JECS). *Environ Res.* 2019 May; 172: 117-26. doi: 10.1016/j.envres.2019.02.007.
- 22) Kobayashi S, Sata F, Murata K, Saijo Y, Araki A, Miyashita C, Itoh S, Minatoya M, Yamazaki K, Ait Bamai Y, Kishi R; Japan Environment and Children's Study Group. Dose - dependent associations between prenatal caffeine consumption and small for gestational age, preterm birth, and reduced birthweight in the Japan Environment and Children's Study. *Paediatr Perinat Epidemiol.* 2019 May; 33(3): 185-94. doi: 10.1111/ppe.12551.
- 23) Ito M, Takamori A, Yoneda S, Shiozaki A, Tsuchida A, Matsumura K, Hamazaki K, Yoneda N, Origasa H, Inadera H, Saito S; Japan Environment and Children's Study (JECS) Group. Fermented foods and preterm birth risk from a prospective large cohort study: the Japan Environment and Children's study. *Environ Health Prev Med.* 2019 May 1; 24(1): 25-25. doi: 10.1186/s12199-019-0782-z.
- 24) Kyozuka H, Fujimori K, Hosoya M, Yasumura S, Yokoyama T, Sato A, Hashimoto K; Japan Environment and Children's

- Study (JECS) Group. The Effect of Maternal Age at the First Childbirth on Gestational Age and Birth Weight: The Japan Environment and Children's Study (JECS). *J Epidemiol.* 2019 May 5; 29(5): 187-91. doi: 10.2188/jea.JE20170283.
- 25) Watanabe N, Horikoshi M, Shinmei I, Oe Y, Narisawa T, Kumachi M, Matsuoka Y, Hamazaki K, Furukawa T. Brief mindfulness-based stress management program for a better mental state in working populations - Happy Nurse Project: a randomized controlled trial. *J Affect Disord.* 2019 May 15; 251: 186-94. doi: 10.1016/j.jad.2019.03.067.
  - 26) Tsuji M, Shibata E, Askew DJ, Morokuma S, Aiko Y, Senju A, Araki S, Sanefuji M, Ishihara Y, Tanaka R, Kusuhara K, Kawamoto T; Japan Environment and Children's Study Group. Associations between metal concentrations in whole blood and placenta previa and placenta accreta: the Japan Environment and Children's Study (JECS). *Environ Health Prev Med.* 2019 Jun 7; 24(1): 40. doi: 10.1186/s12199-019-0795-7.
  - 27) Kigawa M, Tsuchida A, Miura K, Ito M, Tanaka T, Hamazaki K, Adachi Y, Saito S, Origasa H, Inadera H; Japan Environment and Children's Study (JECS). Analysis of non-respondent pregnant women who were registered in the Japan Environment and Children's Study: a longitudinal cohort study. *BMJ Open.* 2019 Jun 27; 9(6): e025562. doi: 10.1136/bmjopen-2018-025562.
  - 28) Nishigori H, Obara T, Nishigori T, Ishikuro M, Sakurai K, Hoshiai T, Saito M, Fujiwara I, Arima T, Nakai K, Kuriyama S, Mano N, Metoki H, Yaegashi N; Japan Environment & Children's Study Group. Preconception folic acid supplementation use and the occurrence of neural tube defects in Japan: A nationwide birth cohort study of the Japan Environment and Children's Study. *Congenit Anom (Kyoto).* 2019 Jul; 59(4): 110-7. doi: 10.1111/cga.12293.
  - 29) Mezawa H, Tomotaki A, Yamamoto-Hanada K, Ishitsuka K, Ayabe T, Konishi M, Saito M, Yang L, Suganuma N, Hirahara F, Nakayama SF, Saito H, Ohya Y; Japan Environment and Children's Study Group. Prevalence of Congenital Anomalies in the Japan Environment and Children's Study. *J Epidemiol.* 2019 Jul 5; 29(7): 247-56. doi: 10.2188/jea.JE20180014.
  - 30) Kawanishi Y, Yoshioka E, Saijo Y, Itoh T, Miyamoto T, Sengoku K, Ito Y, Ito S, Miyashita C, Araki A, Endo T, Cho K, Minakami H, Kishi R; Japan Environment and Children's Study Group. The relationship between prenatal psychological stress and placental abruption in Japan, The Japan Environment and Children's Study (JECS). *PLoS One.* 2019 Jul 8; 14(7): e0219379. doi: 10.1371/journal.pone.0219379.
  - 31) Ohira S, Motoki N, Shibasaki T, Misawa Y, Inaba Y, Kanai M, Kurita H, Shiozawa T, Nakazawa Y, Tsukahara T, Nomiyama T; Japan Environment & Children's Study (JECS) Group. Alcohol Consumption During Pregnancy and Risk of Placental Abnormality: The Japan Environment and Children's Study. *Sci Rep.* 2019 Jul 16; 9(1): 10259. doi: 10.1038/s41598-019-46760-1.
  - 32) Motoki N, Inaba Y, Shibasaki T, Misawa Y, Ohira S, Kanai M, Kurita H, Nakazawa Y, Tsukahara T, Nomiyama T; Japan Environment & Children's Study (JECS) Group. Maternal Exposure to Housing Renovation During Pregnancy and Risk of Offspring with Congenital Malformation: The Japan Environment and Children's Study. *Sci Rep.* 2019 Aug 9; 9(1): 11564. doi: 10.1038/s41598-019-47925-8.
  - 33) Nakayama SF, Iwai-Shimada M, Oguri T, Isobe T, Takeuchi A, Kobayashi Y, Michikawa T, Yamazaki S, Nitta H, Kawamoto T; Japan Environment and Children's Study Group. Blood mercury, lead, cadmium, manganese and selenium levels in pregnant women and their determinants: the Japan Environment and Children's Study (JECS). *J Expo Sci Environ Epidemiol.* 2019 Sep; 29(5): 633-47. doi: 10.1038/s41370-019-0139-0.
  - 34) Seki T\*\*, Hamazaki K, Natori T, Inadera H. Relationship between internet addiction and depression among Japanese university students. *J Affect Disord.* 2019 Sep 1; 256: 668-72. doi: 10.1016/j.jad.2019.06.055.
  - 35) Mitsuda N, Eitoku M, Maeda N, Fujieda M, Suganuma N. Severity of Nausea and Vomiting in Singleton and Twin Pregnancies in Relation to Fetal Sex: The Japan Environment and Children's Study (JECS). *J Epidemiol.* 2019 Sep 5; 29(9): 340-6. doi: 10.2188/jea.JE20180059.
  - 36) Takagi K, Iwama N, Metoki H, Uchikura Y, Matsubara Y, Matsubara K, Nishigori H, Saito M, Fujiwara I, Sakurai K, Kuriyama S, Arima T, Nakai K, Yaegashi N, Sugiyama T; Japan Environment and Children's Study Group. Paternal height has an impact on birth weight of their offspring in a Japanese population: the Japan Environment and Children's Study. *J Dev Orig Health Dis.* 2019 Oct; 10(5): 542-54. doi: 10.1017/S2040174418001162.
  - 37) Sugimori N, Hamazaki K, Matsumura K, Kasamatsu H, Tsuchida A, Inadera H; Japan Environment and Children's Study Group. Association between maternal fermented food consumption and infant sleep duration: The Japan Environment and Children's Study. *PLoS One.* 2019 Oct 4; 14(10): e0222792. doi: 10.1371/journal.pone.0222792.
  - 38) Nakamura M, Hamazaki K, Matsumura K, Kasamatsu H, Tsuchida A, Inadera H; Japan Environment and Children's Study

- Group. Infant dietary intake of yogurt and cheese and gastroenteritis at 1 year of age: The Japan Environment and Children's Study. *PLoS One*. 2019 Oct 7; 14(10): e223495. doi: org/10.1371/journal.pone.0223495.
- 39) Ikehara S, Kimura T, Kakigano A, Sato T, Iso H; Japan Environment Children's Study Group. Association between maternal alcohol consumption during pregnancy and risk of preterm delivery: the Japan Environment and Children's Study. *BJOG*. 2019 Nov; 126(12): 1448-54. doi: 10.1111/1471-0528.15899.
- 40) Mitsuda N, Hosokawa T, Eitoku M, Fujieda M, Suganuma N; Japan Environment and Children's Study (JECS) Group. Breastfeeding and risk of febrile seizures in infants: The Japan Environment and Children's Study. *Brain Dev*. 2019 Nov; 41(10): 839-47. doi: 0.1016/j.braindev.2019.07.001.
- 41) Kigawa M, Tsuchida A, Matsumura K, Takamori A, Ito M, Tanaka T, Hamazaki K, Adachi Y, Saito S, Origasa H, Inadera H; Japan Environment and Children's Study (JECS) Group. Factors of non-responsive or lost-to-follow-up Japanese mothers during the first year post partum following the Japan Environment and Children's Study: a longitudinal cohort study. *BMJ Open*. 2019 Nov 12; 9(11): e031222. doi: 10.1136/bmjopen-2019-031222.
- 42) Kyozuka H, Yamaguchi A, Suzuki D, Fujimori K, Hosoya M, Yasumura S, Yokoyama T, Sato A, Hashimoto K; Japan Environment and Children's Study (JECS) Group. Risk factors for placenta accreta spectrum: findings from the Japan environment and Children's study. *BMC Pregnancy Childbirth*. 2019 Nov 27; 19(1): 447. doi: 10.1186/s12884-019-2608-9.
- 43) Myoga M, Tsuji M, Tanaka R, Shibata E, Askew DJ, Aiko Y, Senju A, Kawamoto T, Hachisuga T, Araki S, Kusuvara K, Morokuma S, Sanefuji M; Japan Environment and Children's Study. Impact of sleep duration during pregnancy on the risk of gestational diabetes in the Japan environmental and Children's study (JECS). *BMC Pregnancy Childbirth*. 2019 Dec; 19(1): 483. doi: 10.1186/s12884-019-2632-9.
- 44) Tsuji M, Koriyama C, Ishihara Y, Yamamoto M, Yamamoto-Hanada K, Kanatani K, Bamai YA, Onishi K, Senju A, Araki S, Shibata E, Morokuma S, Sanefuji M, Kitazawa H, Saito M, Umezawa M, Onoda A, Kusuvara K, Tanaka R, Kawamoto T; Japan Environment & Children's Study Group. Associations Between Metal Levels in Whole Blood and IgE Concentrations in Pregnant Women Based on Data From the Japan Environment and Children's Study. *J Epidemiol*. 2019 Dec 5; 29(12): 478-86. doi: 10.2188/jea.JE20180098.
- 45) Tsuchiya S, Tsuchiya M, Momma H, Koseki T, Igarashi K, Nagatomi R, Arima T, Yaegashi N; Japan Environment & Children's Study Group. Association of cleft lip and palate on mother-to-infant bonding: a cross-sectional study in the Japan Environment and Children's Study (JECS). *BMC Pediatr*. 2019 Dec 20; 19(1): 505. doi: 10.1186/s12887-019-1877-9.
- 46) Matsumura K, Hamazaki K, Tsuchida A, Kasamatsu H, Inadera H; Japan Environment and Children's Study (JECS) Group. Education level and risk of postpartum depression: results from the Japan Environment and Children's Study (JECS). *BMC Psychiatry*. 2019 Dec 27; 19(1): 419. doi: 10.1186/s12888-019-2401-3.

## ◆ 総 説

- 1) Hamazaki K. Role of Omega-3 Polyunsaturated Fatty Acids in Mental Health—Studies from Japan. *J Oleo Sci*. 2019 Jun 6; 68(6): 511-5. doi: 10.5650/jos.ess19008.
- 2) Ahmed K, Zaidi SF, Cui ZG, Zhou D, Saeed SA, Inadera H. Potential proapoptotic phytochemical agents for the treatment and prevention of colorectal cancer. *Oncol Lett*. 2019 Jul; 18(1): 487-98. doi: doi:10.3892/ol.2019.10349.
- 3) 屋敷香奈\*\*、浜崎 景、稻寺秀邦。富山県下の事業場におけるストレスチェックの実施状況、従業員のメンタルヘルスと長時間労働. *Toyama Med J*. 2018; 29(1): 23-9. (2018年末掲載分)
- 4) 浜崎 景. 気分障害とω3系多価不飽和脂肪酸. *臨環境医*. 2019; 27(2): 77-82.
- 5) 浜崎 景、稻寺秀邦. 妊娠期および産後におけるω3系多価不飽和脂肪酸と抑うつ. *食品と開発*. 2019 Feb 1; 54(2): 4-7.
- 6) 浜崎 景. 妊娠期および産後抑うつとn-3系多価不飽和脂肪酸. *脂質栄養*. 2019 Mar 31; 28(1): 16-24.
- 7) 浜崎 景. 気分障害とω3系多価不飽和脂肪酸. *臨精薬理*. 2019 Nov 10; 22(11): 1037-43.

## ◆ 学会報告

- 1) Cui ZG, JinYJ, Zakki SA, Sun L, Li ML, Feng QW, Inadera H. Shikonin augments hyperthermia-induced apoptosis through enhancement of oxidative stress. *IUTOX 15th International Congress of Toxicology*; 2019 Jul 15-18; Honolulu. (ポスター).
- 2) Inadera H, Zakki SA, Sun L, Feng QW, Li ML, Cui ZG. Adaptive response of cadmium with decreasing concentrations to apoptosis in human myelomonocytic lymphoma U937 cells and its molecular mechanism. *IUTOX 15th International*

- Congress of Toxicology; 2019 Jul 15-18; Honolulu. (ポスター).
- 3) Nishi D, Su KP, Usuda K, Pei-Chen Chang J, Hamazaki K, Ishima T, Hashimoto K, Matsuoka YJ. The efficacy of omega-3 fatty acids for depressive symptoms among pregnant women in Japan and Taiwan: A randomized, double-blind, placebo-controlled trial and biomarker study. 25th World Congreee of The International College of Psychosomatic Medicine; 2019 Sep 11-13; Florence. (ポスター).
  - 4) Hamazaki K, Matsumura K, Tsuchida A, Kasamatsu H, Tanaka T, Ito M, Inadera H, Japan Environment and Children's Study Group. Dietary intake of fish and n-3 polyunsaturated fatty acids and risks of postpartum depression: A nationwide longitudinal study \_ the Japan Environment and Children's Study (JECS). 9th Mind-Body Interface International Symposium; 2019 Oct 7-9; Taichung. (Invited lecture)
  - 5) Yoshida T, Matsumura K, Tsuchida A, Hamazaki K, Inadera H, Japan Environment and Children's Study Group. Association Between Cesarean Section And Constipation In Infants: The Japan Environment And Children's Study (JECS). DOHaD 2019 meeting in Melbourne; 2019 Oct 20-23; Melbourne. (ポスター).
  - 6) 屋敷香奈\*\*, 浜崎 景, 稲寺秀邦. 富山県下の事業場における従業員の心と体の健康. 第73回 富山県医学会 ; 2019 Jan 27 ; 富山. (ポスター).
  - 7) 竹之内明子, 平塚未夢, 三浦麻里安, 新家由美子, 平山由佳理, 小山千尋, 木下勇一, 浜崎 景, 義澤克彦. アセトアミノフェン誘発ラット腎障害モデルにおけるミード酸の抑制効果. 第35回日本毒性病理学会総会及び学術集会 ; 2019 Jan 31-2019 Feb 1 ; 東京. (ポスター).
  - 8) Inadera H. Personal perspective on "Environmental Health and Preventive Medicine" シンポジウム Perspective on "Environmental Health and Preventive Medicine" in a new era of social medicine. 第89回日本衛生学会学術総会 ; 2019 Feb 1-3 ; 名古屋. (シンポジウム・ワークショップパネル). (招待講演)
  - 9) 笠松春花, 土田暁子, 松村健太, 城川美佳, 浜崎 景, 稲寺秀邦. エコチル調査における富山ユニットの工夫3: 未記入箇所問い合わせの実施. 第89回日本衛生学会学術総会 ; 2019 Feb 1-3 ; 名古屋. (ポスター).
  - 10) 関友和\*\*, 浜崎景, 稲寺秀邦. 大学生のインターネット依存と抑うつの関係. 第53回富山県公衆衛生学会 ; 2019 Feb 13 ; 富山.
  - 11) 石坂拓也, 長野一也, 田崎一慶, 陶 紅, 泉 雅大, 岡田桃子, 飛島 匠, 原田和生, 平田收正, 浜崎 景, 稲寺秀邦, 斎藤 滋, 東阪和馬, 堤 康央. 単一粒子ICP-MS法の生体試料への適用による銀ナノ粒子の生体内分布解析. 日本薬学会第139年会 ; 2019 Mar 20-23 ; 千葉. (ポスター).
  - 12) 稲寺秀邦, 屋敷香奈, 浜崎 景. X県内事業場におけるストレスチェックの実施状況. 第92回日本産業衛生学会; 2019 May 22-25 ; 名古屋. (ポスター).
  - 13) 成澤知美, 野口普子, 山下晃弘, 浜崎 景, 大久保 亮, 松岡 豊. 急性冠症候群における発作時の心理的苦痛がPTSD症状に及ぼす影響. 第18回日本トラウマティック・ストレス学会 ; 2019 Jun 15-16 ; 京都. (ポスター).
  - 14) 野口普子, 成澤知美, 山下晃弘, 浜崎 景, 松岡 豊. 急性冠症候群後の認知的評価とPTSD症状の関連について: 前向きコホート研究. 第18回日本トラウマティック・ストレス学会 ; 2019 Jun 15-16 ; 京都. (ポスター).
  - 15) Hamazaki K, Tsuchida A, Takamori A, Tanaka T, Ito M, Inadera H, Japan Environment and Children's Study (JECS) Group. Dietary intake of fish and n-3 polyunsaturated fatty acids and physician-diagnosed allergy in Japanese: The Japan Environment and Children's Study. 第60回国際脂質生物学会議 ; 2019 Jun 17-21; Tokyo. (ポスター).
  - 16) 石木 学, 三原 弘, 濑川章子, 関根道和, 廣川慎一郎, 稲寺秀邦, 北島 黜. テキストマイニングの解析による, 介護体験実習における異なる集団間の医学生の気づきの多様性. 第51回日本医学教育学会 ; 2019 Jul 26-27 ; 京都.
  - 17) Hamazaki K. Importance of dietary omega-3 polyunsaturated fatty acids. Marine Biotechnology Conference 2019 Japan; 2019 Sep 9-13; Shizuoka. (招待講演)
  - 18) 浜崎 景, 松村健太, 土田暁子, 笠松春花, 田中朋美, 伊藤実香, 稲寺秀邦. 妊娠期の魚食・n-3系多価不飽和脂肪酸摂取と産後抑うつに関する縦断研究 (エコチル調査より). 日本脂質栄養学会第28回大会 ; 2019 Sep 27-28; 東京. (ポスター).
  - 19) 山崎(長井)輝美, 土田暁子, 笠松春花, 松村健太, 田中朋美, 浜崎 景, 稲寺秀邦. エコチル調査の進捗状況について. 第58回富山県小児保健学会 ; 2019 Oct 6 ; 富山.
  - 20) 松村健太, 笠松春花, 土田暁子, 伊藤実香, 城川美佳, 吉田丈俊, 山崎(長井)輝美, 田中朋美, 浜崎 景, 稲寺秀邦. エコチル調査から分かったこと 富山ユニットセンター発の最新の研究成果. 第58回富山県小児保健学会 ; 2019 Oct 6 ; 富山.
  - 21) 土田暁子, 高見美緒, 川上ちひろ, 城川美佳, 浜崎 景, 稲寺秀邦, 伊藤秀一. 妊娠中の身体活動が早産およ

- び分娩様式に与える影響：エコチル調査より. 第78回日本公衆衛生学会；2019 Oct 23-25；高知. (ポスター).
- 22) 笠松春花, 土田暁子, 浜崎 景, 稲寺秀邦. 経産が産後うつと対児愛着障害の関連に与える影響の前向き検討：エコチル調査より. 第78回日本公衆衛生学会；2019 Oct 23-25；高知. (ポスター).
  - 23) 浜崎 景, 土田暁子, 笠松春花, 稲寺秀邦. 妊娠中の魚食・n-3系脂肪酸摂取と産後抑うつに関する縦断研究（エコチル調査より）. 第78回日本公衆衛生学会；2019 Oct 23-25；高知. (ポスター).
  - 24) 大平泰子, 松村健太, 稲寺秀邦, 村上 満, 水上義行, 濱戸 健. 小学校教員の精神健康度に関する要因. 第2回日本心身医学関連学会合同集会；2019 Nov 15-17；大阪. (ポスター).
  - 25) 松村健太, 稲寺秀邦, 大平泰子, 村上 満, 水上義行, 濱戸 健. 教員の業務負担感に関するアンケート調査：因子構造の解明. 第2回日本心身医学関連学会合同集会；2019 Nov 15-17；大阪. (ポスター).

## ◆ その他

- 1) 稲寺秀邦. 富山の環境の未来を学ぶ 2018学報. 平成30年度富山市民大学；2019；富山.
- 2) 稲寺秀邦. 健康障害及びその予防措置に関する知識. 石綿作業主任者技能講習(建設業労働災害防止協会富山県支部)；2019 Jan 24；富山.
- 3) 浜崎 景. メンタルヘルスにおけるω3系多価不飽和脂肪酸の役割. 富山県医師会産業保健研修会（富山県医師会）；2019 Feb 24；富山. (招待講演)
- 4) 屋敷香奈\*\*\*, 浜崎 景, 稲寺秀邦. 富山県下の事業場における産業保健の現状と課題に関する調査研究. 平成30年度学生による地域フィールドワーク研究成果発表会；2019 Feb 27；富山.
- 5) 屋敷香奈\*\*\*, 浜崎 景, 稲寺秀邦. 富山県下の事業場における産業保健の現状と課題に関する調査研究. 平成30年度富山県産業看護研究会成果発表会；2019 Mar 5；富山.
- 6) 浜崎 景. 魚を食べないと「抑うつ状態」になりやすい？～妊娠中のお母さんとお父さんから見えた結果～. エコチル公開セミナー；2019 Mar 9；富山.
- 7) 稲寺秀邦. 有害業務管理. 北陸3県医師会合同産業保健(基礎・前期)研修会(富山県医師会館)；2019 Apr 21；富山.
- 8) 稲寺秀邦. 健康診断と事後措置. 富山産業保健総合支援センター 産業保健セミナー；2019 May 9；富山.
- 9) 稲寺秀邦. 熱中症と対策. 富山産業保健総合支援センター 産業保健セミナー；2019 Jun 14；富山.
- 10) 伊藤実香, 高守史子, 米田 哲, 塩崎有宏, 土田暁子, 松村健太, 浜崎 景, 米田徳子, 折笠秀樹, 稲寺秀邦, 斎藤滋, JECSグループ. エコチル調査から見た食品摂取頻度と早産リスク～味噌汁との関係. 賢英フォーラム；2019 Jun 22；富山.
- 11) 浜崎 景. 循環器疾患におけるEPA・DHA (ω3系多価不飽和脂肪酸) の役割について. 産業医研修会；2019 Jul 11；富山. (招待講演)
- 12) 浜崎 景. アニサキスを含む食物アレルギーについて. 食品安全フォーラムinとやま；2019 Jul 31；富山. (招待講演)
- 13) 稲寺秀邦. ドライバーの健康管理. 過労死等防止・健康起因事故防止セミナー 全日本トラック協会；2019 Aug；富山.
- 14) 稲寺秀邦. 子どもをとりまく富山の環境. 富山市民大学「富山の環境の未来を学ぶ」；2019 Sep 5；富山.
- 15) 浜崎 景. メンタルヘルスと脂質栄養について. 日本脂質栄養学会第28回大会；2019 Sep 27-28；富山. (招待講演)
- 16) 稲寺秀邦. 過重労働と健康. 富山産業保健総合支援センター 産業保健セミナー；2019 Oct 4；富山.
- 17) 稲寺秀邦. 職場のストレス対策. 富山産業保健総合支援センター 産業医研修会；2019 Oct 8；富山.
- 18) 稲寺秀邦. 子どもの健康と環境に関する全国調査（エコチル調査）：これまでの進捗と今後. 令和元年度地方衛生研究所全国協議会 東海・北陸支部保健情報疫学部会 特別講演；2019 Oct 11；富山.
- 19) 稲寺秀邦. 富山医療学「地域医療と医師会」. 医報とやま No.1730, pp8(富山大学医学部4年生講義)；2019 Nov 1；富山.
- 20) 稲寺秀邦. 働き方改革と労働者の健康確保. 富山産業保健総合支援センター 産業医研修会；2019 Nov 14；富山.
- 21) 稲寺秀邦. 安全ノート-快適な実験を行うために- (分担執筆). 第7版第7刷；2019年5月発行. 安全ノート (分担執筆). 第7版第7刷；2019年5月発行；富山大学.
- 22) 稲寺秀邦. 卷頭言 子どもの健康と環境 -エコチル調査のこれまでと今後-. とやま小児保健, 17: 1, 2019.
- 23) 山崎(長井)輝美, 土田暁子, 笠松春花, 松村健太, 田中朋美, 浜崎 景, 稲寺秀邦. エコチル調査の進捗状況. とやま小児保健, 17:14-15, 2019.
- 24) 松村健太, 笠松春花, 土田暁子, 伊藤実香, 城川美佳, 吉田丈俊, 山崎(長井)輝美, 田中朋美, 浜崎 景, 稲寺秀邦. エコチル調査から分かったこと-富山ユニットセンター発の最新の研究成果- . とやま小児保健,

17: 16-18, 2019.

- 25) 浜崎 景. 北日本新聞 ; 2019 Sep 25 ; 富山.
- 26) 浜崎 景. NHK富山取材 ; 2019 Oct 6 ; 富山.