

業 績 目 録 (令和5年)

大学院科目名：地域保健医療疫学

(A-a) 英文著書

なし

(A-b) 和文著書

なし

(B-a) 英文総説

なし

(B-b) 和文総説

なし

(C-a) 英文原著

- 1 Tamura T, Wakai K, Kato Y, Tamada Y, Kubo Y, Okada R, Nagayoshi M, Hishida A, Imaeda N, Goto C, Ikezaki H, Otonari J, Hara M, Tanaka K, Nakamura Y, Kusakabe M, Ibusuki R, Koriyama C, Oze I, Ito H, Suzuki S, Nakagawa-Senda H, Ozaki E, Matsui D, Kuriki K, Kondo K, Takashima N, Watanabe T, Katsuura-Kamano S, Matsuo K; Japan Multi-Institutional Collaborative Cohort (J-MICC) Study. Dietary Carbohydrate and Fat Intakes and Risk of Mortality in the Japanese Population: the Japan Multi-Institutional Collaborative Cohort Study. J Nutr 153:2352-2368, 2023. (IF=3.7)
- 2 Sakashita T, Nakamura Y, Sutoh Y, Shimizu A, Hachiya T, Otsuka-Yamasaki Y, Takashima N, Kadota A, Miura K, Kita Y, Ikezaki H, Otonari J, Tanaka K, Shimano C, Koyama T, Watanabe I, Suzuki S, Nakagawa-Senda H, Hishida A, Tamura T, Kato Y, Okada R, Kuriki K, Katsuura-Kamano S, Watanabe T, Tanoue S, Koriyama C, Oze I, Koyanagi YN, Nakamura Y, Kusakabe M, Nakatochi M, Momozawa Y, Wakai K, Matsuo K. Comparison of the loci associated with HbA1c and blood glucose levels identified by a genome-wide association study in the Japanese population. Diabetol Int 14:188-198, 2023. (IF=1.3)
- 3 Hanyuda A, Goto A, Nakatochi M, Sutoh Y, Narita A, Nakano S, Katagiri R, Wakai K, Takashima N, Koyama T, et al. Association Between Glycemic Traits and Primary Open-Angle Glaucoma: A Mendelian Randomization Study in the Japanese Population. Am J Ophthalmol. 2023;245:193-201. (IF=4.1)
- 4 Kurasawa S, Imaizumi T, Maruyama S, Tanaka K, Kubo Y, Nagayoshi M,

- Ikezaki H, Suzuki S, Koyama T, Koriyama C, et al. Association of kidney function with cancer incidence and its influence on cancer risk of smoking: The Japan Multi-Institutional Collaborative Cohort Study. *Int J Cancer*. 2023;153:732-741. (IF=5.7)
- 5 Watanabe T, Arisawa K, Nguyen TV, Ishizu M, Katsuura-Kamano S, Hishida A, Tamura T, Kato Y, Okada R, Ibusuki R, Koriyama C, Suzuki S, Otani T, Koyama T, Tomida S, Kuriki K, Takashima N, Miyagawa N, Wakai K, Matsuo K; Japan Multi-Institutional Collaborative Cohort Study Group. Coffee and metabolic phenotypes: A cross-sectional analysis of the Japan multi-institutional collaborative cohort (J-MICC) study. *Nutr Metab Cardiovasc Dis*. 2023;33:620-630. (IF=3.3)
 - 6 Takagi D, Kato M, Ozaki E, Kurita Y, Nakano W, Matsui D, Koyama T. The combination of locomotive syndrome and poor sleep quality is a risk factor of falls among community-dwelling middle-aged and older women: A cross-sectional study. *Geriatr Gerontol Int*. 2023;23:912-918. (IF=2.4)
 - 7 Nakae A, Ozaki E, Kuriyama N, Tomida S, Koyama T. Copeptin is associated with microalbuminuria and renal function in the general Japanese population. *Endocr J*. 2023;70:797-804. (IF=1.3)
 - 8 Minegishi K, Dobashi Y, Koyama T, Ishibashi Y, Furuya M, Tsubochi H, Ohmoto Y, Yasuda T, Nomura S. Diagnostic utility of trefoil factor families for the early detection of lung cancer and their correlation with tissue expression. *Oncol Lett*. 2023;25:139. (IF=2.5)
 - 9 Yoshida T, Koyama T, Ishimaru T, Minoura A, Mutoh M, Tabuchi T. Fear of COVID-19 Among Japanese Workers and Exacerbation of Chronic Pain: A Nationwide Cross-Sectional Study. *J Occup Environ Med*. 2023;65:e134-e140. (IF=2.3)
 - 10 ODavid Aguilar, Khamis M. Al-Hashmi, Rafael O. Alvim, Ibrahim S. Al-Zakwani, Christina Antza, Arrigo F.G. Cicero, Maja Avramovska, Petar Avramovski, Hyun Jae Baek, Magnus Bäck, Kent Bailey, Marcelo P. Baldo, Rosângela F.L. Batista, Athanasios Benetos, Emelia J. Benjamin, Daniel Bia, Claudio Borghi, Shani Botha-Le Roux, Yolandi Breet, David Burgner, Viviane C. Cardoso, Marina Cecelja, Indre Cepenienė, Chen-Huan Chen, Michael Cheung, Hao-min Cheng, Jaegeol Cho, Phil Chowienczyk, Eduardo B. Coelho, Orsolya Cseprekal, Amilcar BT Da Silva, Frédéric Dallaire, Roberto De Sá Cunha, Alejandro Diaz, Albano V.L. Ferreira, Jean Ferrières, Yoshihiko Furuta, Manuel A. Gómez-Marcos, Leticia Gómez-Sánchez, Julian Halcox, Craig Hanis, Karl-Heinz Herzig, Edgar Jaeggi, Maryam Kavousi, Ursula Kiechl-Kohlendorfer, Hack-Lyoung Kim, Mi-Kyung Kim, Yu-Mi Kim, Eva Kis, Michael Knoflach, Vasilios Kotsis, Teruhide Koyama, Michaela Kozakova, Ruan Kruger, Iftikhar J. Kullo, Sun-Seog Kweon, Irene Lambrinoudaki,

Chang Liu, Markus Loeffler, Jeongok G. Logan, Jane Maddock, Pedro Magalhães, João Maldonado, Francesco U.S. Mattace-Raso, Alex Messner, Michelle L. Meyer, Jie Mi, José Geraldo Mill, Gary F. Mitchell, Jian-Jun Mu, Iram F. Muhammad, Johannes Nairz, Atsushi Nakagomi, Mieko Nakamura, Peter M. Nilson, Toshiharu Ninomiya, Carlo Palombo, Alexandre C. Pereira, Telmo Pereira, Daniel P. Cappingana, Anna K. Poon, Nicole Probst-Hensch, Arshed A. Quyyumi, George S. Reusz, Moo-Yong Rhee, Cecilia C.C. Ribeiro, Ernst Rietzschel, Paulo R.H. Rocha, Enrique Rodilla, Marta Rojek, Jean-Bernard Ruidavets, Joost H.W. Rutten, Yasuaki Saijo, Paolo Salvi, Arno Schmidt-Trucksäss, Markus Scholz, Min-Ho Shin, Patrick Segers, Kimon Stamatelopoulos, Irina D. Strazhesko, Minoru Sugiura, Olga N. Tkacheva, Hirofumi Tomiyama, Elaine M. Urbina, Inge C.L. van den Munckhof, Ramachandran S. Vasani, Melissa A. Wake, Goya Wannamethee, Andrew Wong, Akira Yamashina, Yinkun Yan, Divanei Zaniqueli, Fang Zhu, and Yanina Zócalo. Global distributions of age- and sex-related arterial stiffness: systematic review and meta-analysis of 167 studies with 509,743 participants. *EBioMedicine*. 2023;92:104619. (IF=9.7)

- 11 Hanyuda A, Goto A, Katagiri R, Koyanagi YN, Nakatochi M, Sutoh Y, Nakano S, Oze I, Ito H, Yamaji T, Sawada N, Iwagami M, Kadota A, Koyama T, Katsuura-Kamano S, Ikezaki H, Tanaka K, Takezaki T, Imoto I, Suzuki M, Momozawa Y, Takeuchi K, Narita A, Hozawa A, Kinoshita K, Shimizu A, Tanno K, Matsuo K, Tsugane S, Wakai K, Sasaki M, Yamamoto M, Iwasaki M. Investigating the association between glycaemic traits and colorectal cancer in the Japanese population using Mendelian randomisation. *Sci Rep*. 2023;13:7052. (IF=3.8)
- 12 Hara M, Nishida Y, Tanaka K, Shimanoe C, Koga K, Furukawa T, Higaki Y, Shintchi K, Ikezaki H, Murata M, Takeuchi K, Tamura T, Hishida A, Tsukamoto M, Kadomatsu Y, Matsuo K, Oze I, Mikami H, Kusakabe M, Takezaki T, Ibusuki R, Suzuki S, Nakagawa-Senda H, Matsui D, Koyama T, Kuriki K, Takashima N, Nakamura Y, Arisawa K, Katsuura-Kamano S, Wakai K. Moderate-to-vigorous Physical Activity and Sedentary Behavior Are Independently Associated With Renal Function: A Cross-sectional Study. *J Epidemiol*. 2023;33:285-293. (IF=3.7)
- 13 Koyama T. New anthropometric measurement alternatives to BMI and hypertension. *Hypertens Res*. 2023;46:776-777. (IF=4.3)
- 14 Ishiyama H, Tanaka T, Saito S, Koyama T, Kitamura A, Inoue M, Fukushima N, Morita Y, Koga M, Toyoda K, et al. Plasma mid-regional pro-adrenomedullin: A biomarker of the ischemic penumbra in hyperacute stroke. *Brain Pathol*. 2023;33:e13110. (IF=5.8)
- 15 Nindita Y, Nakatochi M, Ibusuki R, Shimoshikiryo I, Nishimoto D, Shimatani K, Takezaki T, Ikezaki H, Murata M, Hara M, Nishida Y,

- Tamura T, Hishida A, Nagayoshi M, Okada R, Matsuo K, Ito H, Mikami H, Nakamura Y, Otani T, Suzuki S, Koyama T, Ozaki E, Kuriki K, Takashima N, Miyagawa N, Arisawa K, Katsuura-Kamano S, Momozawa Y, Kubo M, Takeuchi K, Wakai K. Population-Based Impact of Smoking, Drinking, and Genetic Factors on HDL-cholesterol Levels in J-MICC Study Participants. *J Epidemiol.* 2023;33:193-200. (IF=3.7)
- 16 Kitaoka K, Miura K, Takashima N, Kadota A, Harada A, Nakamura Y, Kita Y, Yano Y, Tamura T, Nagayoshi M, Okada R, Kubo Y, Suzuki S, Nishiyama T, Tanoue S, Koriyama C, Kuriki K, Arisawa K, Katsuura-Kamano S, Nishida Y, Shimano C, Ozaki E, Matsui D, Ikezaki H, Otonari J, Oze I, Yuriko N, Koyanagi, Nakamura Y, Kusakabe M, Wakai K, Matsuo K. Association between dietary patterns and serum lipid profiles in Japanese women and men: The Japan Multi-Institutional Collaborative Cohort (J-MICC) Study. *J Atheroscler Thromb* 1;30(10):1427-1447, 2023. (IF=3.0)
- 17 Okuyama Y, Matsui D, Ozaki E, Watanabe Y. Association of low occlusal force as an oral hypofunction with the prevalence of irritable bowel syndrome in Japanese adults. *Journal of Gastroenterology and Hepatology* 38(8):1269-1276, 2023. (IF=3.7)
- 18 Nagayoshi M, Takeuchi K, Tamada Y, Kato Y, Kubo Y, Okada R, Tamura T, Hishida A, Otonari J, Ikezaki H, Nishida Y, Shimano C, Koyanagi YN, Matsuo K, Mikami H, Kusakabe M, Nishimoto D, Shibuya K, Suzuki S, Nishiyama T, Ozaki E, Watanabe I, Kuriki K, Takashima N, Kadota A, Arisawa K, Katsuura-Kamano S, Wakai K, for the Japan Multi-Institutional Collaborative Cohort (J-MICC) Study. Sex-specific relationship between stress coping strategies and all-cause mortality: Japan Multi-Institutional Collaborative Cohort Study. *J Epidemiol* 5;33(5):236-245, 2023. (IF=3.7)
- 19 Tsukamoto M, Hishida A, Tamura T, Nagayoshi M, Okada R, Kubo Y, Kato Y, Hamajima N, Nishida Y, Shimano C, Ibusuki R, Shibuya K, Takashima N, Nakamura Y, Kusakabe M, Nakamura Y, Koyanagi YN, Oze I, Nishiyama T, Suzuki S, Watanabe I, Matsui D, Otonari J, Ikezaki H, Katsuura-Kamano S, Arisawa K, Kuriki K, Nakatochi M, Momozawa Y, Takeuchi K, Wakai K, Matsuo K. GWAS of folate metabolism with gene-environment interaction analysis revealed the possible role of lifestyles in the control of blood folate metabolites in Japanese - the J-MICC Study. *J Epidemiol.* 34:228-237, 2023. (IF= 3.7)

- 20 Hara M, Nishida Y, Tanaka K, Shimanoe C, Koga K, Furukawa T, Higaki Y, Shinchu K, Ikezaki H, Murata M, Takeuchi K, Tamura T, Hishida A, Tsukamoto M, Kadomatsu Y, Matsuo K, Oze I, Mikami H, Kusakabe M, Takezaki T, Ibusuki R, Suzuki S, Nakagawa-Senda H, Matsui D, Koyama T, Kuriki K, Takashima N, Nakamura Y, Arisawa K, Katsuura-Kamano S, Wakai K. Moderate-to-vigorous Physical Activity and Sedentary Behavior Are Independently Associated With Renal Function: A Cross-sectional Study. *J Epidemiol.* 33:285-293, 2023. (IF= 3.7)
- 21 Kato M, Ozaki E, Matsui D, Nakano W, Nakano S, Ono S, Kito K, Koyama T. Locomotive syndrome and depressive symptoms: A cross-sectional study in middle-aged women. *Mod Rheumatol.* 34:858-863. 2023. (IF= 1.8)
- 22 Takekita Y, Hiraoka S, Iwama Y, Matsui D, Aoki N, Ogata H, Funatsuki T, Shimizu T, Murase Y, Koshikawa Y, Kato M, Kinoshita T. Optimal dose for the efficacy of asenapine in patients with schizophrenia: Real-world data. *Neuropsychopharmacol Rep.* 44:234-239. 2023. (IF= 2.5)

(C-b) 和文原著

なし

(D) 学会発表等

I) 招待講演、特別講演、教育講演等

なし

II) シンポジウム、ワークショップ、パネルディスカッション等

なし

III) 国際学会における一般発表

- 1 Takehito Kuroda, Tomotaka Tanaka, Satoshi Saito, Hiroyuki Ishiyama, Ryoma Inui, Yuma Shiomi, Yuriko Nakaoku, Soshiro Ogata, Etsuko Ozaki, Nagato Kuriyama, Kunihiro Nishumura, Masatoshi Koga, Kazunori Toyoda, Masafumi Ihara. The Impact of Smoking on Intracerebral Hemorrhages with or without Cerebral Microbleeds. *Asia Pacific Stroke Conference.* 2023 Dec 1-3; Hong Kong.

E 研究助成（競争的研究助成金）

総額 928 万円

公的助成

代表（総額）・小計 430 万円

1. 文部科学省科学研究費補助金基盤研究（C） 令和 4～6 年度
腸内細菌叢を中心とした骨・筋力、食内容の変化とフレイル予防における前
向き調査研究 助成金額 170 万円
2. 日本学術振興会科学研究費（基盤 C） 令和 5～7 年度
口腔機能低下症と身体機能、認知機能および生活習慣病に関する
疫学研究 助成金額 260 万円

分担・小計 453 万円

1. 文部科学省学術変革領域研究 令和 4～10 年度
コホート・生体試料支援プラットフォーム 助成金額 360 万円
2. 文部科学省科学研究費補助金基盤研究（B） 令和 2～5 年度
腸内環境と骨格筋代謝のコミュニケーションに着目した運動効果の実験
的・疫学的検証 助成金額 30 万円
3. 文部科学省科学研究費補助金基盤研究（C） 令和 4～6 年度
ゲノム・オミックス情報を駆使した薬物動態関連バイオマーカーの網羅的
探索研究 助成金額 10 万円
4. 文部科学省科学研究費補助金基盤研究（C） 令和 4～7 年度
口腔内細菌叢・遺伝子多型・細胞外小胞の違いが歯周病の進行におよぼす
影響 助成金額 5 万円
5. 文部科学省科学研究費補助金基盤研究（C） 令和 4～6 年度
消化管細菌叢による認知特性への影響の解明：認知症メカニズムに関する
疫学調査研究 助成金額 3 万円
6. 文部科学省科学研究費補助金基盤研究（C） 令和 4～6 年度
ピロリ菌除菌治療と生活習慣が与える腸内細菌への影響 助成金額 5 万円
7. 文部科学省科学研究費補助金基盤研究（C） 令和 5～7 年度
口腔内細菌叢と認知機能、腸内細菌叢および口腔内状態に関する疫学研究 助成金額 5 万円
8. 文部科学省科学研究費補助金基盤研究（C） 令和 5～7 年度
地域集団の食事記録からの AGEs 摂取量と尿中ペントシジンによる骨粗鬆
症リスク 助成金額 5 万円

9. 文部科学省科学研究費補助金基盤研究 (B) 令和 3～5 年度
骨脆弱性と体組成の改善は動脈硬化抑制を通じて健康寿命を延伸するか—
10 年追跡研究 助成金額 30 万円

財団等からの助成

代表 (総額)・小計 45 万円

1. 住友ベークライト株式会社共同研究助成 令和 4～5 年度
一般地域住民における尿中ペントシジン濃度の分布、ならびに臨床所見、
各種マーカーとの比較による骨コラーゲン劣化指標としての有用性検討
助成金額 45 万円