

## 主な研究課題・発表代表論文

公衆衛生学・予防医学講座（旧公衆衛生学講座） Public Health and Preventive Medicine

研究領域 医療環境統御医学

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## 主な研究課題

- ・生活習慣病の分子疫学的解析
- ・労働環境とストレス
- ・自然免疫因子の異常と疾患発症
- ・高齢者介護問題
- ・悪性腫瘍の発症要因

## 発表代表論文

- ・ Yamamoto T, Tanabe T, et al. IL-6 Levels Correlate with Prognosis and Immunosuppressive Stromal Cells in Patients with Colorectal Cancer "Ann Surg Oncol. 2023 Aug;30(8):5267-5277. doi: 10.1245/s10434-023-13527-y. Epub 2023 May 24. PMID: 37222942"
- ・ Chidimatsu H, Tanabe T, et al. Serum CCL7 Is a Novel Prognostic Biomarker of Metastatic Colorectal Cancer. *Anticancer Res.* 2023 Jan;43(1):105-114. doi: 10.21873/anticancer.16139.
- ・ Nakagami Y, Tanabe T, et al. CD4 and FOXP3 as predictive markers for the recurrence of T3/T4a stage II colorectal cancer: applying a novel discrete Bayes decision rule *BMC Cancer* . 2022 Oct 18;22(1):1071. doi: 10.1186/s12885-022-10181-7.
- ・ Iida M, Tanabe T, et al. Risk factors for non-gastric-cancer-related death after gastrectomy in elderly patients. *Ann Gastroenterol Surg* . 2022 Jun 20;6(6):753-766. doi: 10.1002/ags3.12588.
- ・ Ishimaru Y, Mahbub MH, Yamaguchi N, Hase R, Takahashi H, Watanabe R, Saito H, Shimokawa J, Yamamoto H, Kikuchi S, Tanabe T. A close relationship between plasma concentrations of branched-chain and aromatic amino acids and uric acid among healthy adults. *Bull Yamaguchi Med Sch* 68(3-4):31-39, 2021
- ・ Okazaki F, Tanabe T, et al. A novel mutation in early-onset sarcoidosis/Blau syndrome: an association with *Propionibacterium acnes*. *Pediatr Rheumatol Online J.* 2021 Feb 18;19(1):18. doi: 10.1186/s12969-021-00505-5. PMID: 33602264 Free PMC article.
- ・ Mahbub MH, Tanabe T, et al. Plasma Branched-Chain and Aromatic Amino Acids in Relation to Hypertension. *Nutrients* 10;12(12):3791, 2020.
- ・ Mahbub MH, Tanabe T, et al. Acute Effects of Whole-Body Vibration on Peripheral Blood Flow,

Vibrotactile Perception and Balance in Older Adults. *Int J Environ Res Public Health* 17(3):1069, 2020

- Mahbub MH, Tanabe T, et al. A systematic review of studies investigating the effects of controlled whole-body vibration intervention on peripheral circulation. *Clinical Physiology and Functional Imaging* 39 : 363-377, 2019.
- Mahbub MH, Tanabe T, et al. Relationship of reduced glomerular filtration rate with alterations in plasma free amino acids and uric acid evaluated in healthy control and hypertensive subjects. *Scientific Reports* 9 : 10252, 2019.
- Mahbub MH, Tanabe T, et al. Association of plasma free amino acids with hyperuricemia in relation to diabetes mellitus, dyslipidemia, hypertension and metabolic syndrome. *Scientific Reports* 7 : 17616, 2017.
- Takahashi H, Tanabe T, et al. Associations of interactions between NLRP3 SNPs and HLA mismatch with acute and extensive chronic graft-versus-host diseases. *Scientific Reports* 7 : 13097, 2017.
- Yamaguchi N, Tanabe T, et al. Plasma free amino acid profiles evaluate risk of metabolic syndrome, diabetes, dyslipidemia, and hypertension in a large Asian population. *Environmental Health and Preventive Medicine* 22 : 35, 2017.
- Tanabe T, et al. Sarcoidosis and NOD1 variation with impaired recognition of intracellular *Propionibacterium acnes*. *Biochimica et Biophysica Acta-Molecular Basis of Disease* 1762 : 794-801, 2006.
- Tanabe T, et al. Regulatory regions and critical residues of NOD2 involved in muramyl dipeptide recognition. *EMBO Journal* 23 : 1587-1597, 2004.
- Bonen DK, Tanabe T, et al. Crohn's disease-associated NOD2 variants share a signaling defect in response to lipopolysaccharide and peptidoglycan. *Gastroenterology* 124 : 140-146, 2003.
- Tanabe T, et al. Oncogene inactivation in a mouse model. *Nature* 406 : 473-474, 2000.