

|                           |   |
|---------------------------|---|
| 氏名                        | 松原 達昭   |
| よみ                        | まつばら たつあき   |
| 英字                        | MATSUBARA Tatsuaki  |
| プロフィール                    | 複数の一般病院において臨床研鑽を積んだ後、名古屋大学大学院医学系研究科内科学講座（循環器内科）助教授、愛知学院大学歯学部内科学講座教授として、教育、研究、診療に携わり、2021年4月より現職。  |
| 職位                        | 特任教授、大学院研究科長  |
| 最終学歴                      | 名古屋大学医学部医学科   |
| 学位                        | 医学博士  |
| 所属学会・役職                   | 日本内科学会（認定内科医）、日本循環器学会（循環器専門医）、日本糖尿病学会（糖尿病専門医）、日本高血圧学会（高血圧専門医）、日本脈管学会（特別会員）、日本心臓病学会（特別正会員）   |
| 専門分野                      | 内科学、循環器学、糖尿病学   |
| 研究テーマ                     | 生活習慣病のゲノム/エピゲノム情報、糖尿病に関わる心血管疾患、動脈硬化と炎症  |
| 主な教育・研究及び社会的活動及び業績（過去20年） | <p>〈著書〉</p> <ol style="list-style-type: none"> <li>1. 松原達昭：総説. 松原達昭編. 「循環器病への挑戦」シリーズ25 メタボリックシンドロームと心血管病. ライフメディコム, 11-30, 2006.</li> <li>2. 松原達昭：感染性心内膜炎. 千葉俊美他編. 歯科医師のための内科学. 医歯薬出版, 114-119, 2021.</li> <li>3. Matsubara T: 8 Cardiovascular Diseases, 4 Infective Endocarditis. Chiba T, et al eds. Internal Medicine for Dental Treatments. Springer, 130-136, 2023.</li> </ol> <p>〈和文論文〉</p> <ol style="list-style-type: none"> <li>1. 松原達昭：マグネシウム動態を考慮した循環器疾患の診療. マグネシウム 27:3-12, 2008.</li> <li>2. 松原達昭：私と高血圧. 血圧 23:892-894, 2016.</li> <li>3. 松原達昭：特集7 心不全×糖尿病をもつ患者さんの薬物療法. HEART nursing 36:1062-1071, 2023.</li> </ol> <p>〈欧文論文〉</p> <ol style="list-style-type: none"> <li>1. Ishii H, Matsubara T, et al: Impact of a single intravenous administration of nicorandil before reperfusion in patients with ST-segment-elevation myocardial infarction. Circulation 112:1284-1288, 2005.</li> <li>2. Naruse K, Matsubara T, et al: Therapeutic neovascularization using cord blood-derived endothelial progenitor cells for diabetic neuropathy. Diabetes 54:1823-1828, 2005.</li> <li>3. Kokubo M, Matsubara T, et al: Noninvasive evaluation of the time course of change in cardiac function in spontaneous hypertensive rats by echocardiography. Hypertension Research 28:601-609, 2005.</li> <li>4. Ishii H, Matsubara T, et al: Effects of intravenous nicorandil before reperfusion for acute myocardial infarction in patients with stress hyperglycemia. Diabetes Care 29:202-206, 2006.</li> <li>5. Amano T, Matsubara T, et al: Impact of metabolic syndrome on tissue characteristics of angiographically mild to moderate coronary lesions. Integrated backscatter intravascular ultrasound study. Journal of the American College of Cardiology 49:1149-1156, 2007.</li> <li>6. Amano T, Matsubara T, et al: Abnormal glucose regulation is associated with lipid-rich coronary plaque. Relationship to insulin resistance. JACC - Cardiovascular Imaging 1:39-45, 2008</li> <li>7. Kobayashi M, Matsubara T, et al: Dobutamine stress testing as a diagnostic tool for evaluation of myocardial reserve in asymptomatic or mildly symptomatic patients with dilated cardiomyopathy. JACC - Cardiovascular Imaging 1:718-726, 2008.</li> <li>8. Uetani T, Matsubara T, et al: The correlation between lipid volume in the target lesion, measured by integrated backscatter intravascular ultrasound, and post-procedural myocardial infarction in patients with elective stent implantation. European Heart Journal 29:1714-1720, 2008.</li> <li>9. Ishii H, Matsubara T, et al: Pharmacological intervention for prevention of left ventricular remodeling and improving in myocardial infarction. Circulation 118:2710-2718, 2008.</li> <li>10. Aoyama T, Matsubara T, et al: Sirolimus-eluting stents vs bare metal stents for coronary intervention in Japanese patients with renal failure on hemodialysis. Circulation Journal 72:56-60, 2008.</li> <li>11. Uetani T, Matsubara T, et al: The association between plaque characterization by CT angiography and post-procedural myocardial infarction in patients with elective stent implantation. JACC - Cardiovascular Imaging 3:19-28, 2010.</li> <li>12. Yamada S, Matsubara T, et al: Prognostic value of reduced left ventricular ejection fraction at start of hemodialysis therapy on cardiovascular and all-cause mortality in end-stage renal disease patients. Clinical Journal of American Society of Nephrology 5:1793-1798, 2010.</li> </ol> |

13. Matsubara T, et al: Impact of pitavastatin on high-sensitivity C-reactive protein and adiponectin in hypercholesterolemic patients with the metabolic syndrome: The PREMIUM Study. *Journal of Cardiology* 60:389-394, 2012.
14. Morita I, Matsubara T, et al: Relationship between periodontal status and levels of glycated hemoglobin. *Journal of Dental Research* 91:161-166, 2012.
15. Lee JY, Matsubara T, et al: A genome-wide association study of a coronary artery disease risk variant. *Journal of Human Genetics* 58:120-126, 2013.
16. Kato N, Matsubara T, et al: Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. *Nature Genetics* 47:1282-1293, 2015.
17. Nakatochi M, Matsubara T, et al: Epigenome-wide association study suggests that SNPs in the promotor region of RETN influence plasma resistin level via effects on DNA methylation at neighbouring sites. *Diabetologia* 58:2781-2790, 2015.
18. Omi M, Matsubara T, et al: Transplantation of dental pulp stem cells improves long-term diabetic polyneuropathy together with improvement of nerve morphometrical evaluation. *Stem Cell Research and Therapy* 8:279, 2017.
19. Nakatochi M, Matsubara T, et al: Epigenome-wide association of myocardial infarction with DNA methylation sites at loci related to cardiovascular disease. *Clinical Epigenetics* 9:54, 2017.
20. Takeuchi F, Matsubara T, et al: Interethnic analysis of blood pressure loci in populations of East Asian and European descent. *Nature Communications* 9:5052, 2018.
21. Hata M, Matsubara T, et al: Transplantation of human dental pulp stem cells ameliorates diabetic polyneuropathy in streptozotocin-induced diabetic nude mice: the role of angiogenic and neurotrophic factors. *Stem Cell Research and Therapy* 11:236, 2020.
22. Chen J, Matsubara T, et al: The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics* 53:840-860, 2021.
23. Hata M, Matsubara T, et al: Sustainable effects of human dental pulp stem cell transplantation on diabetic polyneuropathy in streptozotocin-induced type 1 diabetes model mice. *Cells* 10:2473, 2021.
24. Yamauchi T, Matsubara T, et al: Impacts of glucose-dependent insulinotropic polypeptide on orthodontic tooth movement-induced bone remodeling. *International Journal of Molecular Sciences* 23:8922, 2022.
25. Kondo S, Matsubara T, et al: Increased expression of angiopoietin-like protein 4 regulates matrix metalloproteinase-13 expression in *Porphyromonas gingivalis* lipopolysaccharides-stimulated gingival fibroblasts and ligature-induced experimental periodontitis. *Journal of Periodontal Research* 58:43-52, 2023.

〈研究代表者として獲得した科学研究費〉

1. 基盤研究 (C) メタボリックシンドロームに及ぼす歯周病の影響についての総合的研究 (2006-2007)
2. 基盤研究 (C) 歯周病がメタボリックシンドロームに及ぼす直接作用の解析 (2010-2012)
3. 基盤研究 (B) 地域住民を対象としたエピゲノム疫学基盤の構築 (2013-2016)
4. 基盤研究 (C) 生活習慣病におけるゲノム/エピゲノム情報の前向きコホート研究による検証 (2020-2025)

〈社会的活動〉

- ・一般社団法人 健康評価施設査定機構 理事
- ・特定非営利活動法人 日本医学歯学情報機構 顧問
- ・株式会社 Mizkan Holdings 「ヒト試験審査部会」 部会員
- ・たんぼぼ薬局株式会社倫理審査委員会 副委員長