

## **Selected Peer-reviewed Publications** (Selected from 30 peer-reviewed publications)

1. **Hamburg NM**, Charbonneau F, Gerhard-Herman M, Ganz P, Creager MA. Comparison of Endothelial Function in Young Men and Women with a Family History of Premature Coronary Artery Disease. *Am J Cardiol*. 2004;94:783-785 [PMID: 15374789](#)
2. **Hamburg NM**, Larson MG, Vita JA, Vasani RS, Keyes MJ, Widlansky ME, Fox CS, Mitchell GF, Levy D, Meigs JB, Benjamin EJ. Metabolic Syndrome, Insulin Resistance and Brachial Artery Vasodilator Function in Framingham Offspring Participants without Clinical Evidence of Cardiovascular Disease. *Am J Cardiol* 2008;101:82-88 [PMCID: PMC2214853](#)
3. **Hamburg NM**, Keyes MJ, Larson MG, Vasani RS, Schnabel R, Pryde MM, Mitchell GF, Sheffy J, Vita JA, Benjamin EJ. Cross-sectional relations of digital vascular function to cardiovascular risk factors in The Framingham Heart Study. *Circulation* 2008;117:2467-74 [PMCID: PMC2734141](#)
4. Semaan, E, **Hamburg N**, Nasr W, Shaw P, Eberhardt R, Woodson J, Doros G, Rybin D, Farber A. Endovascular Management of the Popliteal Artery: Comparison of Atherectomy and Angioplasty. *Vascular and Endovascular Surgery*. 2010; 33:25-31 [PMID: 19942598](#)
5. Vita JA, **Hamburg NM**. Does endothelial dysfunction contribute to the clinical status of patients with peripheral arterial disease? *Can J Cardiol*. 2010 Mar;26 Suppl A:45A-50A. [PMID: 20386761](#)
6. **Hamburg NM**, Balady GJ. Exercise in peripheral artery disease: Functional impact and mechanisms of benefit. *Circulation*. 2011 Jan 4;123(1):87-97 [PMCID: PMC3061490](#)
7. **Hamburg NM**, Palmisano J, Larson MG, Sullivan LM, Lehman BT, Vasani RS, Levy D, Mitchell GF, Vita JA, Benjamin EJ. Relation of Brachial and Digital Measures of Vascular Function in the Community: The Framingham Heart Study. *Hypertension* 2011 Mar;57(3):390-6. [PMCID: PMC3049726](#)
8. Kaess, BM, Rong J, Larson MG, **Hamburg NM**, Vita JA, Levy D, Benjamin EJ, Vasani RS, Mitchell GF. Aortic Stiffness, Blood Pressure Progression and Incident Hypertension. *JAMA* Sep 5;308(9):875-81. [PMCID: PMC3594687](#)
9. Tabit CE, Holbrook M, Fetterman JL, Shenouda SM, Kiani S, Frame AA, Kluge MA, Held A, Dohadwala M, Gokce N, Farb M, Rosenzweig J, Ruderman N, Vita JA, **Hamburg NM**. Protein Kinase-C Beta Contributes to Impaired Endothelial Insulin Signaling in Humans with Diabetes Mellitus. *Circulation*. Epub. November 2012. 2013 Jan 1;127(1):86-95. [PMID: 23204109](#)
10. Farber A, Tan TW, Rybin D, Kalish JA, **Hamburg NM**, Doros G, Goodney PP, Cronenwett JL; Vascular Study Group of New England. Intraoperative use of dextran is associated with cardiac complications after carotid endarterectomy. *J Vasc Surg*. 2013 Jan 18. [PMID: 23337295](#)
11. McMackin CJ, Widlansky ME, **Hamburg NM**, Huang AL, Weller S, Holbrook M, Gokce N, Hagen TM, Keaney FJ, Vita JA. Effect of combined treatment with alpha lipoic acid and acetyl-L-carnitine on vascular function and blood pressure in coronary artery disease patients. *J Clin Hypertens* 2007;9:249-55 [PMCID: PMC2734271](#)
12. Widlansky ME, Vita JA, Keyes MJ, Larson MG, **Hamburg NM**, Levy D, Mitchell GM, Osypiuk EW, Vasani RS, Benjamin EJ. Relation of Season and Temperature to Endothelium-Dependent Flow-Mediated Vasodilation in Subjects Without Clinical Evidence of Cardiovascular Disease (From the Framingham Heart Study). *Am J Cardiol* 2007;100:518-523 [PMCID: PMC1994775](#)
13. **Hamburg NM**, McMackin CJ, Huang AL, Shenouda SM, Widlansky ME, Schulz E, Gokce N, Ruderman NB, Keaney JF, Jr, Vita JA. Physical inactivity rapidly induces insulin resistance and microvascular dysfunction in healthy volunteers. *Arterioscl Thromb Vasc Biol* 2007;27:2650-2656 [PMCID: PMC2596308](#)

14. Vita JA, Holbrook M, Palmisano J, Shenouda SM, Chung WB, **Hamburg NM**, Eskenazi BR, Joseph L, Shapira OM. Flow-induced arterial remodeling relates to endothelial function in the human forearm. *Circulation* 2008;117:3126-33. [PMCID: PMC2601572](#)
15. Chung WB, **Hamburg NM**, Holbrook M, Shenouda SM, Dohadwala MM, Terry DF, Gokce N, Vita JA. The brachial artery remodels to maintain local shear stress despite the presence of cardiovascular disease risk factors. *Arterioscl Thromb Vasc Bio*. 2009 Apr;29(4):606-12. [PMCID: PMC2719246](#)
16. Mitchell GF, Hwang SJ, Vasan RS, Larson MG, Pencina MJ, **Hamburg NM**, Vita JA, Levy D, Benjamin EJ. Arterial stiffness and cardiovascular events: the Framingham Heart Study. *Circulation*. 2010 Feb 2;121(4):505-11 [PMCID: PMC2836717](#)
17. **Hamburg NM**, Mott M, Bigornia SJ, Duess M-A, Kluge M, Hess D, Apovian CM, Vita JA, Gokce N. Maladaptive Enlargement of the Brachial Artery in Severe Obesity is Reversed with Weight Loss. *Vascular Medicine* 2010 Jun;15(3):215-22. [PMCID: PMC3077113](#)
18. Mitchell GF, Wang N, Palmisano JN, Larson MG, **Hamburg NM**, Vita JA, Levy D, Benjamin EJ, Vasan RS. Hemodynamic Correlates of Blood Pressure Across the Adult Age Spectrum: Noninvasive Evaluation in the Framingham Heart Study. *Circulation* Oct 5;122(14):1379-86. [PMCID: PMC2981604](#)
19. Tan, TW, Joglar FL, **Hamburg NM**, Eberhardt RT, Shaw PM, Rybin D, Doros, G, Farber A. Limb Outcome and Mortality in Lower and Upper Extremity Arterial Injury: A Comparison Using the National Trauma Data Bank. *Vascular and Endovascular Surgery* 2011 Oct;45(7):592-7. [PMID: 21984027](#)
20. Britton KA, Wang N, Palmisano J, Corsini E, Schlett CL, Hoffman U, Larson MG, Vasan RS, Vita JA, Mitchell GF, Benjamin EJ, **Hamburg NM**, Fox CS. Thoracic periaortic and visceral adipose tissue and their cross-sectional associations with measures of vascular function. Obesity epub. [http://onlinelibrary.wiley.com/store/10.1002/oby.20166/asset/20166\\_fta.pdf;jsessionid=05668188C90DB5369791A298BEB66FFA.d04t03?v=1&t=hfzq2cbh&s=d7d8f8faa8a3cc2929ad2045902211789b4831a2](http://onlinelibrary.wiley.com/store/10.1002/oby.20166/asset/20166_fta.pdf;jsessionid=05668188C90DB5369791A298BEB66FFA.d04t03?v=1&t=hfzq2cbh&s=d7d8f8faa8a3cc2929ad2045902211789b4831a2)
21. **Hamburg NM**, Leeper NJ. Therapeutic Potential of Modulating MicroRNA in Peripheral Artery Disease. Current Vascular Pharmacology in press.