

Stanford



Brian T Palmisano

- Postdoctoral Medical Fellow, Cardiovascular Medicine
- Fellow in Medicine

Bio

CLINICAL FOCUS

- Fellow
- Cardiovascular Medicine
- Preventive Cardiology

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Vanderbilt University (2016)
- Bachelor of Science, University of Rochester (2009)
- Bachelor of Arts, University of Rochester (2009)
- Doctor of Medicine, Vanderbilt University (2018)
- BA, University of Rochester , Chemistry (2009)
- BS, University of Rochester , Biochemistry (2009)
- PhD, Vanderbilt University , Department of Molecular Physiology and Biophysics (2016)
- MD, Vanderbilt University School of Medicine (2018)

Publications

PUBLICATIONS

- **Genome-Wide Genetic Associations Prioritize Evaluation of Causal Mechanisms of Atherosclerotic Disease Risk.** *Arteriosclerosis, thrombosis, and vascular biology*
Quertermous, T., Li, D. Y., Weldy, C. S., Ramste, M., Sharma, D., Monteiro, J. P., Gu, W., Worssam, M. D., Palmisano, B. T., Park, C. Y., Cheng, P. 2024; 44 (2): 323-327
- **Hepatocyte Small Heterodimer Partner Mediates Sex-Specific Effects on Triglyceride Metabolism via Androgen Receptor in Male Mice** *METABOLITES*
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- **Low-density lipoprotein receptor is required for cholesteryl ester transfer protein to regulate triglyceride metabolism in both male and female mice.** *Physiological reports*
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- **Cholesteryl Ester Transfer Protein Impairs Triglyceride Clearance via Androgen Receptor in Male Mice.** *Lipids*
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- **Sex differences in lipid and lipoprotein metabolism.** *Molecular metabolism*
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2018; 15: 45–55
- **Hepatocyte estrogen receptor alpha mediates estrogen action to promote reverse cholesterol transport during Western-type diet feeding.** *Molecular metabolism*
Zhu, L. n., Shi, J. n., Luu, T. N., Neuman, J. C., Trefts, E. n., Yu, S. n., Palmisano, B. T., Wasserman, D. H., Linton, M. F., Stafford, J. M.
2018; 8: 106–16
- **High-Fat Feeding Does Not Disrupt Daily Rhythms in Female Mice because of Protection by Ovarian Hormones** *FRONTIERS IN ENDOCRINOLOGY*
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- **Role of Estrogens in the Regulation of Liver Lipid Metabolism.** *Advances in experimental medicine and biology*
Palmisano, B. T., Zhu, L. n., Stafford, J. M.
2017; 1043: 227–56
- **Role of Estrogens in the Regulation of Liver Lipid Metabolism** *Sex and Gender Factors Affecting Metabolic Homeostasis, Diabetes and Obesity*
Palmisano, B. T., Zhu, L., Stafford, J. M.
Springer.2017: 227-256
- **Cholesteryl ester transfer protein alters liver and plasma triglyceride metabolism through two liver networks in female mice.** *Journal of lipid research*
Palmisano, B. T., Le, T. D., Zhu, L. n., Lee, Y. K., Stafford, J. M.
2016; 57 (8): 1541–51
- **CETP Expression Protects Female Mice from Obesity-Induced Decline in Exercise Capacity.** *PloS one*
Cappel, D. A., Lantier, L. n., Palmisano, B. T., Wasserman, D. H., Stafford, J. M.
2015; 10 (8): e0136915
- **Estrogen signaling prevents diet-induced hepatic insulin resistance in male mice with obesity.** *American journal of physiology. Endocrinology and metabolism*
Zhu, L. n., Martinez, M. N., Emfinger, C. H., Palmisano, B. T., Stafford, J. M.
2014; 306 (10): E1188–97
- **MicroRNA-223 coordinates cholesterol homeostasis.** *Proceedings of the National Academy of Sciences of the United States of America*
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- **Familial evaluation for diagnosis of arrhythmogenic right ventricular dysplasia.** *Cardiology*
Palmisano, B. T., Rottman, J. N., Wells, Q. S., DiSalvo, T. G., Hong, C. C.
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- **MicroRNAs are transported in plasma and delivered to recipient cells by high-density lipoproteins.** *Nature cell biology*
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2011; 13 (4): 423–33
- **The role of noncoding "junk DNA" in cardiovascular disease.** *Clinical chemistry*
Vickers, K. C., Palmisano, B. T., Remaley, A. T.
2010; 56 (10): 1518–20