Stanford

Brian T Palmisano

- Postdoctoral Medical Fellow, Cardiovascular Medicine
- Fellow in Graduate Medical Education

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*
  Palmisano, B. T., Zhu, L., Litts, B., Burman, A., Yu, S., Neuman, J. C., Anozie, U., Luu, T. N., Edington, E. M., Stafford, J. M.
  2021; 11 (5)
- **Low-density lipoprotein receptor is required for cholesteryl ester transfer protein to regulate triglyceride metabolism in both male and female mice.** *Physiological reports*
  Palmisano, B. T., Yu, S., Neuman, J. C., Zhu, L., Luu, T., Stafford, J. M.
  2021; 9 (4): e14732
- **Cholesteryl Ester Transfer Protein Impairs Triglyceride Clearance via Androgen Receptor in Male Mice.** *Lipids*
  Palmisano, B. T., Anozie, U. n., Yu, S. n., Neuman, J. C., Zhu, L. n., Edington, E. M., Luu, T. n., Stafford, J. M.
  2020

- **Sex differences in lipid and lipoprotein metabolism.** *Molecular metabolism*
  Palmisano, B. T., Zhu, L. n., Eckel, R. H., Stafford, J. M.
  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*
  Palmisano, B. T., Stafford, J. M., Pendergast, J. S.
  2017; 8: 44

- **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*
  Vickers, K. C., Landstreet, S. R., Levin, M. G., Shoucri, B. M., Toth, C. L., Taylor, R. C., Palmisano, B. T., Tabet, F. n., Cui, H. L., Rye, K. A., Sethupathy, P. n., Remaley, A. T.
  2014; 111 (40): 14518–23

- **Cholesteryl ester transfer protein protects against insulin resistance in obese female mice.** *Molecular metabolism*
  Cappel, D. A., Palmisano, B. T., Emfinger, C. H., Martinez, M. N., McGuinness, O. P., Stafford, J. M.
  2013; 2 (4): 457–67

- **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.
  2011; 119 (1): 47–53

- **MicroRNAs are transported in plasma and delivered to recipient cells by high-density lipoproteins.** *Nature cell biology*
  Vickers, K. C., Palmisano, B. T., Shoucri, B. M., Shamburek, R. D., Remaley, A. T.
  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