Stanford

Laura Hope Neuschwander Tetri

Instructor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **Pediatrics Anesthesiology**

  725 Welch Rd Rm G71

  Palo Alto, CA 94304

  Tel (650) 497-8134 **Fax** (650) 497-8228

Bio

CLINICAL FOCUS

- Pediatric Anesthesia

ACADEMIC APPOINTMENTS

- Instructor, Anesthesiology, Perioperative and Pain Medicine
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Board Certification: Anesthesia, American Board of Anesthesiology (2025)
- Board Certification, American Board of Anesthesiology (2025)
- Fellowship: Stanford University Pediatric Anesthesia Fellowship (2025) CA
- Board Certification: Pediatrics, American Board of Pediatrics (2024)
- Residency: Stanford University Pediatric and Anesthesiology Residency (2024) CA
- Medical Education: University of Wisconsin - Madison Medical School (2011) WI

Publications

PUBLICATIONS

- **Short-Term Fasting Alters Mitochondrial Dynamics and Increases Mitochondrial Release From Cardiomyoblasts**
  Tetri, L., Lopez, I., Dey, S., Vijayan, V., Haileselassie, B.
  LIPPINCOTT WILLIAMS & WILKINS.2025: 1074

- **Excessive mitochondrial fission and associated extracellular mitochondria mediate cardiac dysfunction in obesity cardiomyopathy.** *Life sciences*
  Li, S. J., Tetri, L. H., Vijayan, V., Elezaby, A., Chiang, C. H., Lopez, I., Ostberg, N. P., Cornell, T. T., Chen, C. Y., Haileselassie, B.
  2025: 123658

- **Altered profiles of extracellular mitochondrial DNA in immunoparalyzed pediatric patients after thermal injury.** *Shock (Augusta, Ga.)*
  Tetri, L. H., Penatzer, J. A., Tsegay, K. B., Tawfik, D. S., Burk, S., Lopez, I., Thakkar, R. K., Haileselassie, B.

2023

- **Drp1/p53 interaction mediates p53 mitochondrial localization and dysfunction in septic cardiomyopathy.** *Journal of molecular and cellular cardiology*
  Mukherjee, R., Tetri, L. H., Li, S. J., Fajardo, G., Ostberg, N. P., Tsegay, K. B., Gera, K., Cornell, T. T., Bernstein, D., Mochly-Rosen, D., Haileselassie, B.
  2023; 177: 28-37

- **DRP1/P53 INTERACTION PLAYS A KEY ROLE IN MITOCHONDRIAL DYSFUNCTION OF SEPTIC CARDIOMYOPATHY**
  Tetri, L., Mukherjee, R., Li, S., Fajardo, G., Ostberg, N., Tsegay, K., Gera, K., Cornell, T., Bernstein, D., Mochly-Rosen, D., Haileselassie, B.
  LIPPINCOTT WILLIAMS & WILKINS.2023: 617

- **MITOCHONDRIAL FISSION & CELL-FREE MITOCHONDRIA MEDIATE CARDIAC DYSFUNCTION IN OBESITY CARDIOMYOPATHY**
  Li, S., Chen, C., Ostberg, N., Tetri, L., Cornell, T., Mochly-Rosen, D., Haileselassie, B.
  LIPPINCOTT WILLIAMS & WILKINS.2023: 50

- **Blunted cardiac output response to exercise in adolescents born preterm.** *European journal of applied physiology*
  Haraldsdottir, K., Watson, A. M., Pegelow, D. F., Palta, M., Tetri, L. H., Levin, T., Brix, M. D., Centanni, R. M., Goss, K. N., Eldridge, M. M.
  2020; 120 (11): 2547-2554

- **RET receptor expression and interaction with TRK receptors in neuroblastomas.** *Oncology reports*
  Tetri, L. H., Kolla, V., Golden, R. L., Iyer, R., Croucher, J. L., Choi, J. H., Macfarland, S. P., Naraparaju, K., Guan, P., Nguyen, F., Gaonkar, K. S., Raman, P., Brodeur, et al
  2020; 44 (1): 263-272

- **Bimodal right ventricular dysfunction after postnatal hyperoxia exposure: implications for the preterm heart.** *American journal of physiology. Heart and circulatory physiology*
  Kumari, S., Braun, R. K., Tetri, L. H., Barton, G. P., Hacker, T. A., Goss, K. N.
  2019; 317 (6): H1272-H1281

- **Heart rate recovery after maximal exercise is impaired in healthy young adults born preterm.** *European journal of applied physiology*
  Haraldsdottir, K., Watson, A. M., Beshish, A. G., Pegelow, D. F., Palta, M., Tetri, L. H., Brix, M. D., Centanni, R. M., Goss, K. N., Eldridge, M. W.
  2019; 119 (4): 857-866

- **Early Pulmonary Vascular Disease in Young Adults Born Preterm.** *American journal of respiratory and critical care medicine*
  Goss, K. N., Beshish, A. G., Barton, G. P., Haraldsdottir, K., Levin, T. S., Tetri, L. H., Battiola, T. J., Mulchrone, A. M., Pegelow, D. F., Palta, M., Lamers, L. J., Watson, A. M., Chesler, et al
  2018; 198 (12): 1549-1558

- **Sex-Specific Skeletal Muscle Fatigability and Decreased Mitochondrial Oxidative Capacity in Adult Rats Exposed to Postnatal Hyperoxia.** *Frontiers in physiology*
  Tetri, L. H., Diffee, G. M., Barton, G. P., Braun, R. K., Yoder, H. E., Haraldsdottir, K., Eldridge, M. W., Goss, K. N.
  2018; 9: 326

- **Impaired autonomic function in adolescents born preterm.** *Physiological reports*
  Haraldsdottir, K., Watson, A. M., Goss, K. N., Beshish, A. G., Pegelow, D. F., Palta, M., Tetri, L. H., Barton, G. P., Brix, M. D., Centanni, R. M., Eldridge, M. W.
  2018; 6 (6): e13620

- **Postnatal Hyperoxia Exposure Durably Impairs Right Ventricular Function and Mitochondrial Biogenesis.** *American journal of respiratory cell and molecular biology*
  Goss, K. N., Kumari, S., Tetri, L. H., Barton, G., Braun, R. K., Hacker, T. A., Eldridge, M. W.
  2017; 56 (5): 609-619

- **Dietary trans-fatty acid induced NASH is normalized following loss of trans-fatty acids from hepatic lipid pools.** *Lipids*
  Neuschwander-Tetri, B. A., Ford, D. A., Acharya, S., Gilkey, G., Basaranoglu, M., Tetri, L. H., Brunt, E. M.
  2012; 47 (10): 941-50

- **A mechanism by which dietary trans fats cause atherosclerosis.** *The Journal of nutritional biochemistry*
  Chen, C. L., Tetri, L. H., Neuschwander-Tetri, B. A., Huang, S. S., Huang, J. S.
  2011; 22 (7): 649-55

- **Protective role of angiotensin II type 2 receptor signaling in a mouse model of pancreatic fibrosis.** *American journal of physiology. Gastrointestinal and liver physiology*
  Ulmasov, B., Xu, Z., Tetri, L. H., Inagami, T., Neuschwander-Tetri, B. A.
  2009; 296 (2): G284-94

- **Severe NAFLD with hepatic necroinflammatory changes in mice fed trans fats and a high-fructose corn syrup equivalent.** *American journal of physiology. Gastrointestinal and liver physiology*
  Tetri, L. H., Basaranoglu, M., Brunt, E. M., Yerian, L. M., Neuschwander-Tetri, B. A.
  2008; 295 (5): G987-95