

Research Centers in Minority Institutions (UTSA)
Institute for Integration of Medicine and Science (UTHSCSA) &
UTSA-UTHSCSA Joint Graduate Program in Biomedical Engineering

Seminars in Translational Research

"Building the Capacity for Translational Research"

Joanne Turner, PhD

Vice President for Research,
Texas Biomedical Research Institute



Dissecting the functional role of granulomas during *M. tuberculosis* infection

Dr. Turner studies pathogenesis of *M. tuberculosis* infection in mice and humans. Part of her research program studies the role of interleukin-10 (IL-10), and immunosuppressive cytokine, in promoting tuberculosis disease. Studies of IL-10 have revealed a critical role for IL-10 in granuloma formation, the cellular structures formed in the lung that serve to contain *M. tuberculosis* bacteria and prevent disease. Dr. Turner will discuss granuloma formation, walk the audience through understanding how IL-10 contributes to these structures, and discuss how they do/do not contribute to pathogenesis of tuberculosis.

Friday, September 15, 2017

9:00—10:00 AM

The University of Texas Health Science Center at San Antonio
Greehey Children's Cancer Research Institute
Room 2.160

For more information contact Cindy Russel, Institute for Integration of Medicine and Science
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 **UT Health**
San Antonio
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