

Research Centers in Minority Institutions (UTSA)
Institute for Integration of Medicine and Science (UTHSCSA)
Cancer Therapy & Research Center (UTHSCSA) &
UTSA-UTHSCSA Joint Graduate Program in Biomedical Engineering
invite you to attend



Thomas Forsthuber, PhD

Jesse H. and Mary Gibbs Jones Endowed Chair in Biotechnology
Professor in Biology
University of Texas at San Antonio

Inhibition of MIF as Novel Treatment for Autoimmune Myocarditis and Dilated Cardiomyopathy

Dilated cardiomyopathy (DCM) is a frequent and often fatal sequel of myocarditis and accounts for approximately 5% of the 5.8 million cases of heart failure (HF) in the United States alone. Half of the DCM patients survive less than 4 years after diagnosis. It is believed that progression of myocarditis to DCM is often mediated by an autoimmune attack on the heart, but for unknown reasons immunosuppressive treatments are not effective. Here, we will provide evidence that the cytokine macrophage migration inhibitory factor (MIF) plays a key role in resistance to immunosuppressive treatment and we will present a novel approach to prevent DCM by targeting the MIF/corticosteroid axis.

Friday, January 15, 2016

9:00 — 10:00 AM

**The University of Texas at San Antonio
Biotechnology, Sciences & Engineering Bldg.
Room 2.102**

For more information contact Cindy Russel, Institute for Integration of Medicine and Science
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