Center for Research and Training in the Sciences (UTSA) ,
Institute for Integration of Medicine & Science (UTHSA) ,
Translational Science Graduate Program , &
UTSA-UTHSA Joint Graduate Program in Biomedical Engineering
invite you to attend

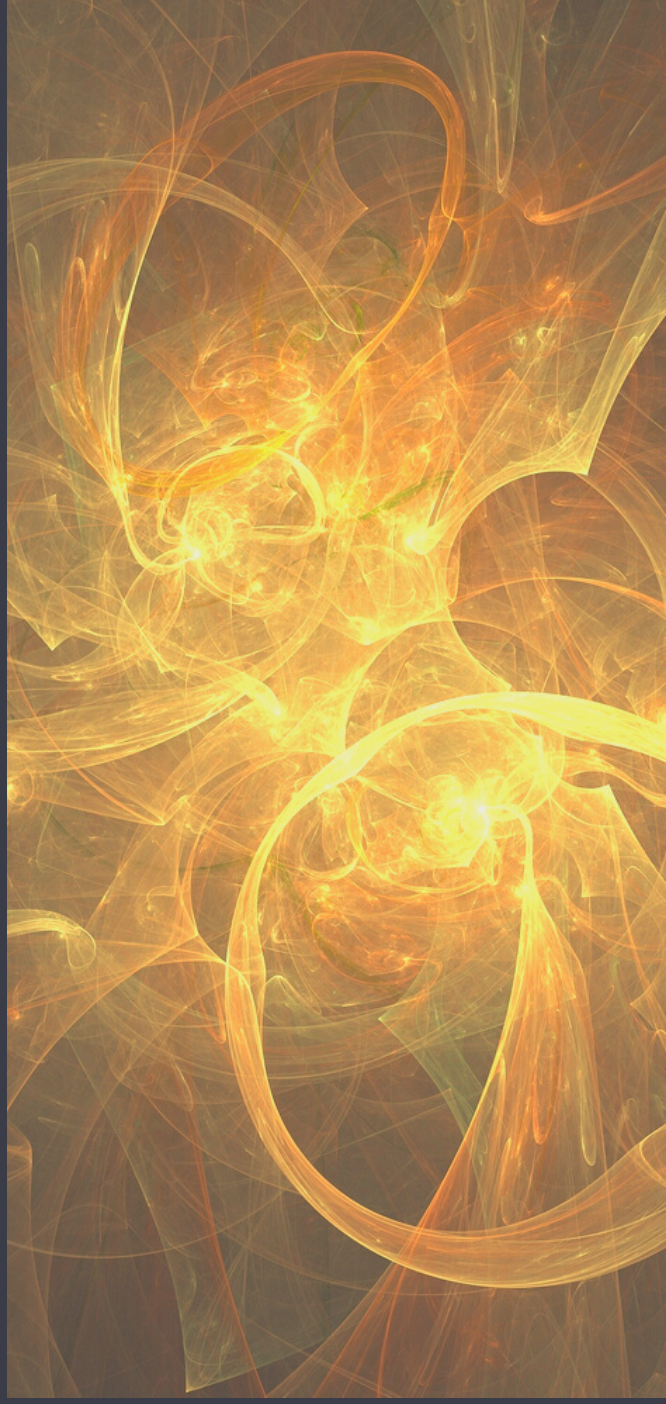
STRECH

Seminars in Translational Research

Presents

Developing Vaccines and Novel Anti-fungal Drugs Against Valley Fever

Worldwide fungal infections have sored, including Coccidioides species responsible for pneumonia and disseminated mycosis known as Valley fever in the American Southwest. NIH has set forth a strategy plan to develop a human vaccine and therapies against this fungal infection. Dr. Hung co-leads an NIH funded Coccidioidomycosis Collaborative Research Center at UTSA as a central hub for this research endeavor. Hung's laboratory takes a multidisciplinary approach to discover fungal antigens for vaccine development and characterizing immune mechanisms against *Coccidioides* infection. This information is harnessed to create vaccines against Valley fever, which is evaluated and deciphered in human immune cells and humanized mice. Furthermore, her laboratory collaborates with a team of medical mycologists to screen and repurpose novel antifungal drugs for Valley fever.



Chiung-Yu Hung, PhD

Associate Professor, Department of Molecular Microbiology and Immunology
University of Texas at San Antonio

Friday, March 22, 2024
Virtually from 9:00 AM - 10:00 AM

For information on participating in the current monthly seminar, please head to
https://utsa.edu/crts/strech/
or **scan the QR code** below

STRECH@UTHSCSA.edu
(210) 562-IIMS

UT Health San Antonio
Institute for Integration of Medicine & Science

UTSA Center for Research & Training in the Sciences