

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



Presents

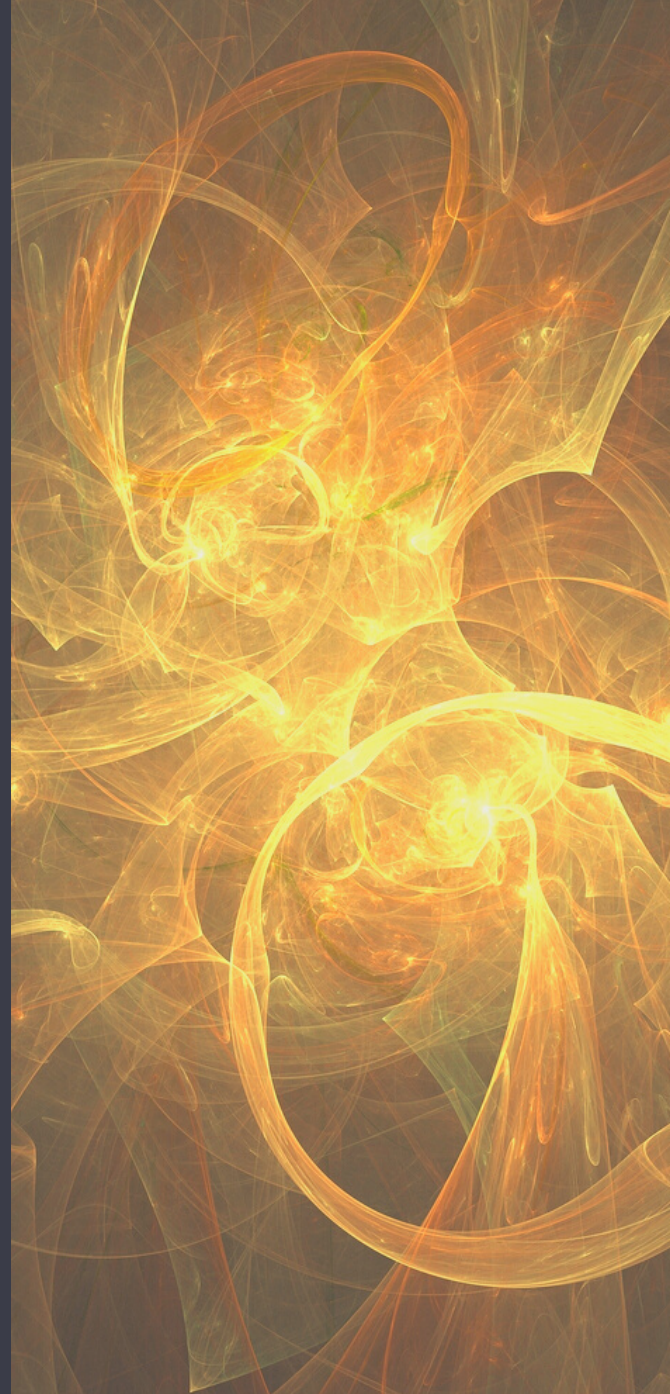
Developing Vaccines and Novel Anti-fungal Drugs Against Valley Fever

Worldwide fungal infections have soared, 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
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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



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