

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

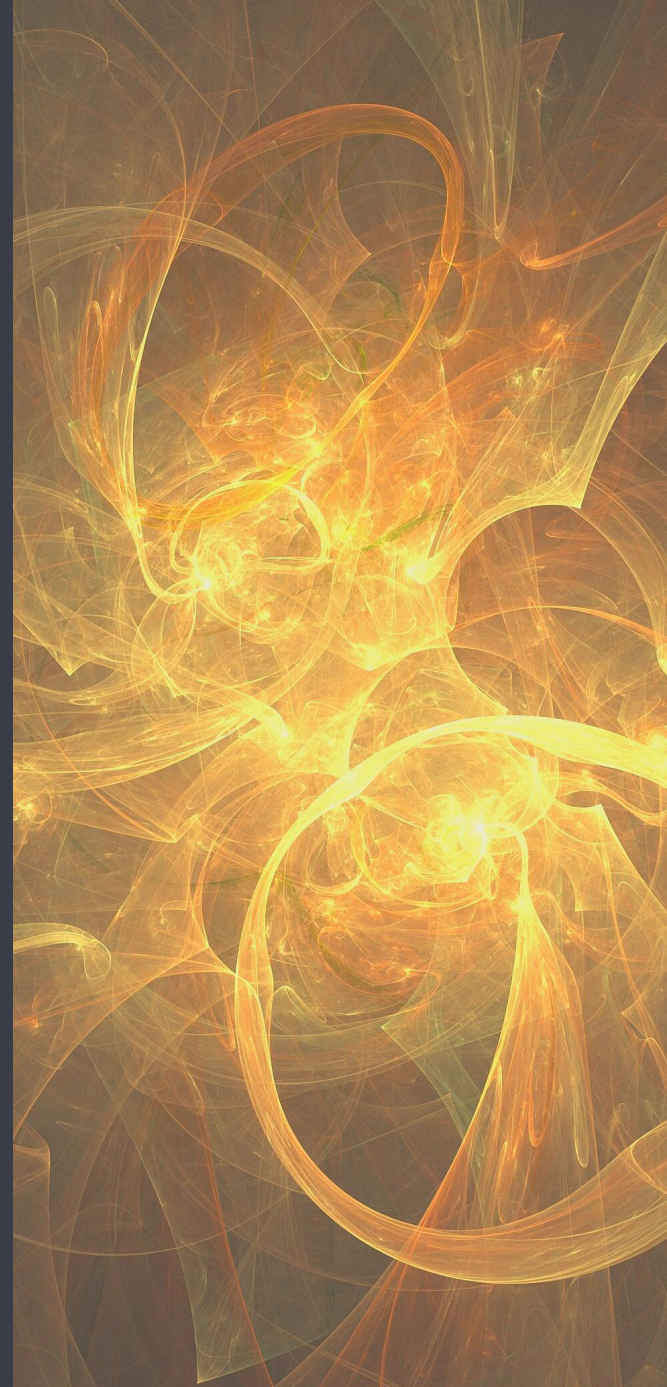
## *Development of a Peripheral Blood Transcriptomic Gene Signature to Predict Bronchopulmonary Dysplasia*

Bronchopulmonary dysplasia (BPD) is the most common lung disease of extreme prematurity, yet mechanisms that associate with or identify neonates with increased susceptibility for BPD are largely unknown. Combining artificial intelligence with gene expression data is a novel approach that may assist in better understanding mechanisms underpinning BPD. Objective: Develop an early peripheral blood transcriptomic signature that can predict preterm neonates at risk for developing BPD.



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Director, Neonatal Regenerative and  
Precision Laboratory Director, Physician  
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Neonatal Nutrition and Bone Institute



**Friday, February 17, 2023  
9:00AM - 10:00AM**

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



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