

SFB 900 Seminar Series

ALL GUESTS ARE WELCOME

TITLE

Mechanisms of Urban Arbovirus Emergence

SPEAKER

Prof. Scott C. Weaver, MS, PhD, John Sealy Distinguished University Chair in Human Infections and Immunity, UTMB Health, Houston, USA

LOCATION

Digital Lecture via video conference



05.08.
2021

5.00 PM (s.t.)

» Research of Scott C. Weaver

Dr. Weaver's research focuses on the ecology, evolution, epidemiology and pathogenesis of arboviral diseases, arbovirus-mosquito vector interactions, and vaccine development for arboviral disease prevention. Current projects include emergence mechanisms, pathogenesis and vector transmission of Zika and chikungunya viruses. His lab is also developing a newly discovered mosquito-specific alphavirus, Eilat virus, as a vaccine and diagnostic antigen platform, as well as developing vesiculoviruses as new vaccine vectors. He also leads the CDC-funded Western Gulf Center of Excellence in Vector-borne Diseases, involving eight academic and multiple public health institutions in Texas, and the World Reference Center for Emerging Viruses and Arboviruses.