

John Lednicky

Research Professor at University of Florida

Gainesville, FL, US

John Lednicky focuses on microbiology and molecular biology, various bacteria, fungi and viruses, including influenza and coronaviruses.

Biography

John Lednicky has training and experience in microbiology and molecular biology, various bacteria, fungi and viruses, including influenza and coronaviruses. Research in his aerobiology laboratory includes studies on the mechanisms of respiratory pathogens, assessments of inhalation threats posed by airborne pathogens, vaccine efficacy/safety studies, and the refinement of air-sampling technologies for the detection of airborne pathogens. Recent research includes finding that the Zika virus was present in Haiti several months before the first Zika cases were identified in Brazil, and the discovery of a case of Mayaro virus in a patient in Haiti, the first time the mosquito-borne virus has been detected outside of the Amazon. Since January 2020, a major thrust of his work has been work related to COVID-19, including studying airborne transmission of the SARS-CoV2 virus.

Areas of Expertise

Airborne Transmission, Zoonotic Diseases, West Nile Virus, Infectious Disease, Airborne Disease, Global Health, Avian Influenza, Mayaro, Zika, COVID-19

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