

The Department of Chemistry
Texas A&M University-Kingsville
presents



The 43rd Annual Garland Lecture
“Global Vaccines for Neglected Diseases:
The Science vs The Anti-science”

Peter Hotez

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Texas Children’s Hospital: Endowed Chair of Tropical Pediatrics | Co-Director, Texas Children’s Hospital Center for Vaccine Development

Baylor College of Medicine: Dean, National School of Tropical Medicine | Professor, Departments of Pediatrics, Molecular Virology & Microbiology | Health Policy Scholar

Baylor University: University Professor

Rice University: Baker Institute Fellow in Disease & Poverty

Texas A&M University: Faculty-Senior Fellow, Hagler Institute for Advanced Study & Scowcroft Institute of Intl Affairs

A new generation of vaccines for neglected diseases, including parasitic infections, is under development. These include new vaccines for parasitic infections such as hookworm infection, schistosomiasis, and Chagas’ disease, which cause intestinal or hepatic illness among millions of people globally. Many of these vaccines are under development through low cost recombinant protein technologies, in some cases through microbial fermentation in yeast or other systems. Proof of concept for accelerating vaccines through this approach includes a partnership between the Texas Children’s Hospital Center for Vaccine Development and Biological E to develop, produce and distribute Corbevax during the COVID pandemic. Among the hurdles to be discussed will include rising antivaccine sentiments in the U.S. and globally.

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