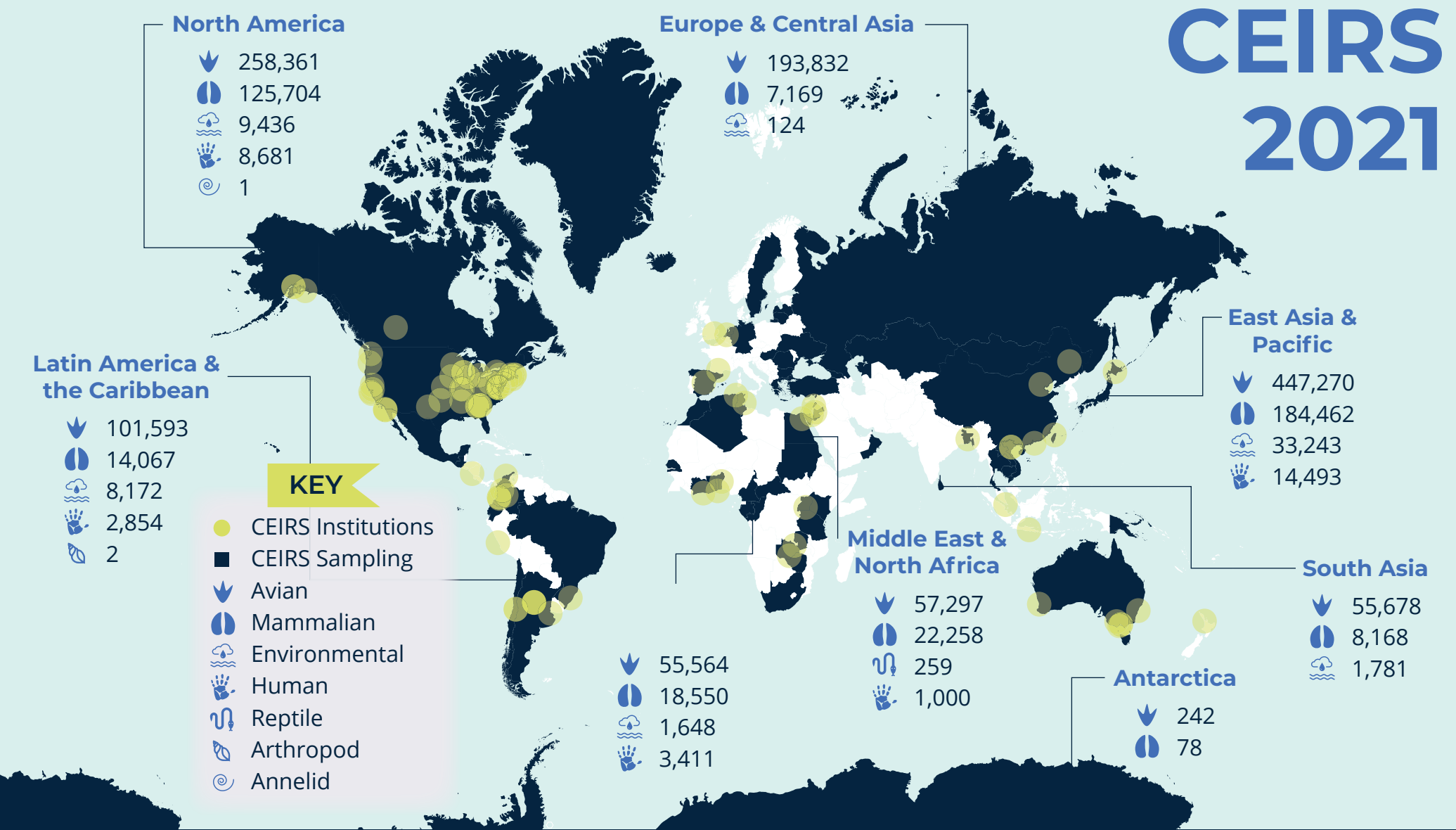


CEIRS 2021



CEIRS Mission The National Institute of Allergy and Infectious Diseases (NIAID) Centers of Excellence for Influenza Research and Surveillance (CEIRS) program is a multidisciplinary and collaborative network of research centers. Investigators perform surveillance integrated with research on host immune response, viral pathogenesis, and the factors that control the emergence and transmission of influenza and coronaviruses. The overall goal of the CEIRS network is to provide the information and public health tools needed to control the impact of epidemic influenza and the threat of pandemic influenza.

CRIP

CENTER FOR INFLUENZA PATHOGENESIS

CRIP investigates influenza viruses circulating in animal reservoirs & the underlying mechanisms of viral pathogenesis, immune evasion, & immunity to natural infection & vaccines.

**Icahn School of Medicine at Mount Sinai**
PI Dr. Adolfo García-Sastre

36

Collaborating Institutions

12

Countries

CEIRS DPCC

DATA PROCESSING & COORDINATING CENTER

The DPCC is the nexus of data sharing across the Network, providing a centralized platform where scientists can submit data, analyze & explore data trends, communicate, & collaborate.

**Digital Infuzion, Inc.**
PI Dr. Stephan Bour & Dr. Gillian Air

4

Collaborating Institutions

1

Country

EMORY-UGA CEIRS

EMORY-UNIVERSITY OF GEORGIA CEIRS

Emory-UGA CEIRS researches animal influenza viruses to understand viral factors that enable host adaptation, as well as human antibody responses to infection & vaccination.

**Emory University**
PI Dr. Walter Orenstein, Dr. Richard Compans, & Dr. Anice Lowen

11

Collaborating Institutions

4

Countries

JHCEIRS

JOHNS HOPKINS CEIRS

JHCEIRS studies flu viruses circulating in humans. Using model systems & high-throughput tech, viruses are characterized to find variants, drug resistance, & strains with pandemic potential.

**Johns Hopkins University**
PI Dr. Richard Rothman & Dr. Andrew Pekosz

6

Collaborating Institutions

3

Countries

NYICE

NEW YORK INFLUENZA CENTER OF EXCELLENCE

NYICE focuses on immune responses to influenza in humans to inform & improve the design of influenza vaccines with both basic & clinical research.

**University of Rochester**
PI Dr. David Topham

11

Collaborating Institutions

3

Countries

SJCEIRS

ST. JUDE CEIRS

St. Jude CEIRS explores how influenza & coronaviruses emerge at the human-animal interface & the viral & host factors that drive influenza susceptibility & severity.

**St. Jude Children's Research Hospital**
PI Dr. Richard Webby & Dr. Stacey Schultz-Cherry

40

Collaborating Institutions

23

Countries