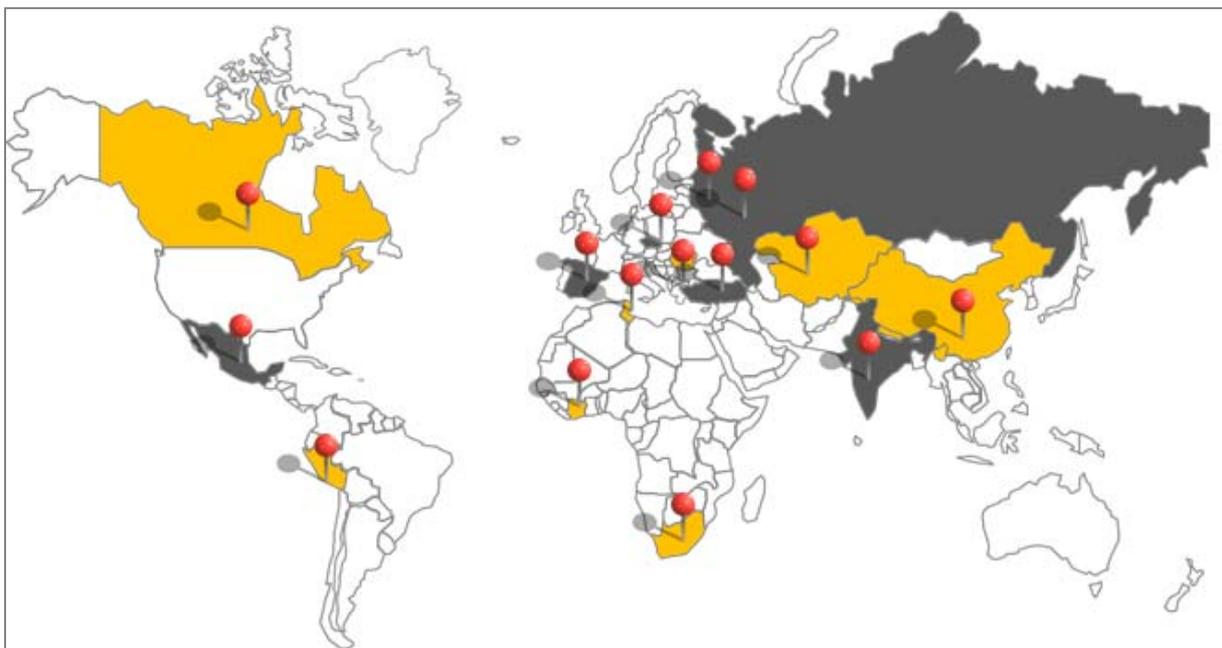




Global Influenza Hospital surveillance Network Mid-season report 2016-2017



Map of GIHSN 2016-17 countries

(see www.gihsn.org and list of public health institutions partners in page 3)

Mid-Season update from the coordinating center-FISABIO

- In total 14 countries and more than 40 hospitals are implementing the GIHSN protocol this season with the objectives of generate burden of severe disease estimates, strain circulation pattern and estimations of vaccine effectiveness.
- All selected sites have started the fieldwork and the inclusion of patient. According to the start of Influenza seasons defined by national influenza surveillance locally (from November to January in Northern hemisphere countries), later for intertropical and Southern hemisphere countries. (South Africa, Ivory Coast, Peru)
- Kickoff visits to individually review the protocol with investigators and virologists on site have been performed at new sites (yellow color on the map): Romania, Almaty, Tunis, and Canada were visited. Johannesburg, Lima, Shanghai, will be visited in this period until April.
- A first data sharing between sites and FISABIO has started in order to build the database for the pooled seasonal analysis.

Coming 2017 Publications

- Manuscripts

Cumulative incidence of admissions with influenza in the GIHSN in sites with known or unknown population denominators” Results of the Influenza Disease Burden for 2014/15 season. Paper in the continuity of the poster presentation performed at the WHO Consultation in Geneva, July 2016), (Submission Feb 28th in IORV)

Epidemiological data and influenza vaccine effectiveness for the 2015-2016 season– (Editing March 2016)

Pooled epidemiology of admissions with respiratory viruses in the last 4 autumn winter seasons in the GIHSN. Includes Data from 2012-2013 until 2015-16. (Submission end of March 2016)

Epidemiological data and influenza vaccine effectiveness for the 2012-2013 to 2015-2016 season. (Global Influenza Initiative) BMC. May 2016

Moscow site-Pregnant women manuscript. (Status: Closed to a first draft).

- Conferences

ESWI, sept 2017 –Several abstracts will be submitted to the conference

2017 Foundation Perspectives and development

- Governance of the foundation

Based on the growing interest from public health institutions in burden estimates generated by the GIHSN and its capacity, an exercise on a governance model proposition including WHO, US-CDC is ongoing.

- Coordination

The Open Health company, www.openhealth.fr/en/ a French leader in collecting and analyzing health data will be progressively onboarded in the coordination of the GIHSN to be effective during the 2017-18 season. FISABIO will remain a partner of choice especially for the preparation of scientific publications and quality assurance of the implementation.

- Protocol and analysis plan

Additional questions will be added to the protocol for the estimation of healthcare resources utilization associated with severe influenza disease and its complications

A revision of the analysis plan by influenza experts will be proposed.

The development of GIHSN indicators of activity will be progressively developed in order to be able to look at severity, evolution and comparison between sites during seasons.

Next call 2017-2018

It is confirmed that the next call for proposal for the 2017-18 season will be shared to actual GIHSN sites and will be publicly available in May 2017 on the www.gihsn.org website. Deadline for applications will be Mid-July 2017.

Executive committee meeting

The next executive committee will be organized in September 2017 in Sanofi Pasteur premises. Perspectives and development aspects will be shared and opened for discussion with members.

List of actual GIHSN partners

Europe: Czech Republic: National Institute of Public Health-Dr Kyncl; Romania: National Institute of infectious diseases- Dr Draganescu; Spain: FISABIO-Dr Puig-Barbèrà;

Eurasia: Kazakhstan: National Influenza Center, Dr Kuatbayeva ; Turkey: Turkish Society of Internal Medicine, Dr Unal; Russian Fed: Moscow: Ivanovsky Institute of Virology, Dr Bursteva; St Petersburg: Research Institute of influenza, Pr Sominina; India: Sher-i-Kashmir Institute, Dr Koul

Africa : Tunisia: Institut Pasteur de Tunis, Dr Ben Salah ; Ivory Coast: Institut National d'Hygiène Publique-Dr Coulibaly ; South Africa: Respiratory and Meningeal Pathogens Research Unit- S.Mahdi & M. Nunes

Asia: China: Fudan University- Dr Tao Zhang

North America : Canada: SOS network- Shelly McNeil

Latin America: Mexico: Dr Ruiz Palacios, Institution Nacionales de Salud ; Peru: CITBM- Dr Alberto Laguna