



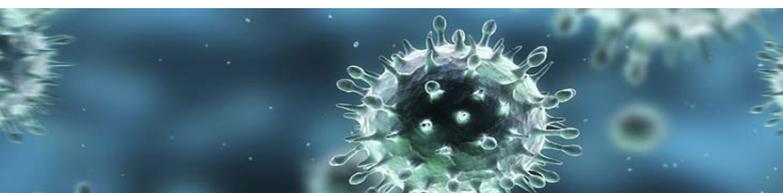
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Cost-effectiveness assessment of European influenza human pandemic alert and response strategies

NEWSLETTER 1

Sep 30th 2011



www.fluresp.eu

FLURESP was launched on April 1st, 2011

The FLURESP consortium is a multidisciplinary team composed by European experts in influenza and public health response to influenza outbreaks, health economics, computerized sciences, legal and ethical aspects of public health, epidemiology and statistics.

Main Objective

The main objective of the FLURESP project is to assess performance, costs and cost-effectiveness of key response strategies, taking into account lessons from the 2009 pandemic situation in Europe. In particular sequential response strategies will be investigated (first line, second line, third line) in order to improve European public authorities' ability to better respond to various categories of threats through better preparedness planning.

Work plan

- **First phase:** Describing and assessing human pandemic scenarios in Europe. After an extensive literature review, the FLURESP consortium will define pandemic scenarios in Europe
- **Second phase:** Assessing response strategies using a set of selected criteria with pilot data collection in four European countries: **France, Italy, Poland and Romania**
- **Third phase:** Multi-criteria modelling will compare response strategies using various advanced methodological approaches including cluster, outranking and multi-dimensional analyses.
- **Fourth phase:** Development of sequential cost-effectiveness simulation models comparing the response strategies with extensive sensitivity analyses using Monte-Carlo simulations
- **Fifth phase:** **Guidelines for Policy Decision making** will be proposed taking into account the deliverables of the four previous phases.

EVENTS

FLURESP Kick Off meeting *Luxemburg, April 1st 2011*



A large part of the kick off meeting was dedicated to present the project strategy, scientific key issues and all beneficiaries' institutions. The representatives were also informed about the expectations from EAHC and DG Sanco regarding the Fluresp project. Synergies with the activity of WHO and ECDC have been discussed in the frame of presentations from collaborating partners WHO and ECDC.

FLURESP Working meeting *Paris, June 20st 2011*



After the introduction to WP4 objectives and strategy held by Ariel Beresniak, Caterina Rizzo went through the planning and methods on how to proceed with the WP4's activities

The first part of the meeting was dedicated to list the scientific sources for pandemic scenarios". Four main sources were defined and discussed:

- **Literature review**
- **National technical reports**
- **International bodies technical reports**
- **Other EC projects**

The second part of the meeting focused on "Candidate parameters to define flu pandemic scenarios". After a large discussion, participants agreed in using a selection of criteria "Virus related" and "Health systems related". Relevant parameters could be selected considering information collected within influenza surveillance systems available and on the basis of their use for risk assessment using mathematical modelling.

Key pandemic scenarios should be defined in the frame of a simple matrix.

FLURESP beneficiary institutions

- **Université Claude Bernard Lyon 1, (main beneficiary) France**
- **Université Paris Descartes, France**
- **Instituto Vasco de Investigacion y Desarrollo Agrario, Spain**
- **Retroscreen Virology Ltd, UK**
- **Istituto Superiore di Sanita, Italy**
- **Open Rome, France**
- **Laurent Niddam Europai Közösségi Jogasz Iroda, Hungary**
- **National Institute of Public Health, Poland**
- **Institutul National de Sanatate Publica, Romania**

Collaborating partners

- **World Health Organisation, Headquarter**
- **European Centre for Disease Prevention and Control**
- **University of Crete, Greece**
- **Ministry for Health, Elderly and Community Care, Malta**

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