

EPISOUTH PROJECT

Speakers and facilitators:

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Venue

National School of Public Health C/ Sinesio Delgado, 6; Madrid 28029. SPAIN

EPISOUTH web page: www.episouth.org



EpiMed Project¹



DG SANCO
European
Commission



PROGRAMME

Madrid, 10 - 14 September, 2007

*The National School of Public Health/ National Centre of Epidemiology
-Carlos III Health Institute -*

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DAY 1: MONDAY 10 SEPTEMBER 2007

- 8.30 – 9.30** **Registration**
- 9.30 –10.00** **Opening :** **F. Gracia** . *Director of the Carlos III Institute Health*; **I. Noguér**. *Deputy- Director of International Programmes for Investigation. & International Relations of ISCIII.* **O. Tello**. *Director of National Centre of Epidemiology.* **F. Martínez**. *Director of National School of Public Health.*
- 10.00 –10.30** **Introducing the EPISOUTH Project** – General Presentation of the Project and Episouth Web Site. S. Declich and M. Fabiani (Leaders of EPISOUTH. Italy-ISS)
Introducing First Training Module: F. Simón (ISCIII. Spain)
- 10.30 –11.00** **Break**

Introducing the workshop - Communicable diseases surveillance systems in the Mediterranean basin and the Balkans. Some key aspects.

- 11.00 –12.30** **Work session 1** – Information systems and notification tools
Presentations: Surveillance Systems of Slovenia and Turkey.
Discussion
- 12.30 –14.00** **Lunch**
- 14.00 –15.30** **Work session 2** – Representativity of surveillance systems: Integration of information from “highly mobile” populations and difficult to reach population.
Presentations: Surveillance Systems of Morocco, Bulgaria and France.
Discussion.
- 15.30 –16.00** **Break**
- 16.00 –17.30** **Work session 3** – Laboratory and surveillance
Presentations: The role of the laboratories in surveillance and outbreak Investigation. Microbiological information System in Spain. P. Soler. Role of Laboratory in Turkey, Slovenia, Morocco and Bulgaria.
Discussion

DAY 2: TUESDAY 11 SEPTEMBER 2007

- 9.30 –10.00** **Presentation:** Attributes of surveillance systems. N. Elomeiri (EPIET-ISCIII)
- 10.00 –11.00** **Case studies:** Cross – border infectious disease surveillance and response
Work in groups: 4 case studies
- 11.00 –11.30** **Break**

- 11.30 –12.30** Continuation of the work
Presentations of results of the workgroups
- 12.30 –14.00** **Lunch**
- 14.00 –15.30** **International surveillance**
Presentations: International surveillance in France. F. Belghity (InVS. France)
European surveillance : F. Simón. ISCIII
Global Surveillance : IHR 2005. N. El Tantawy. EMRO- Egypt
- 15.30 –16.00** **Break**
- 16.00 –17.30** **International surveillance** : discussion

DAY 3: WEDNESDAY 12 SEPTEMBER 2007

- Introducing analysis of surveillance data. Temporal & Spatial analysis**
V. Flores; N. Elomeiri; L. Gerstel, F. Luquero, F. Simón
- 9.00 – 12:30** **Analysis of surveillance data**
Descriptive analysis of Time Series
Stationarity of time series
- 14.00 –17.30** **Introduction to Time Series modelling**
Restrictive methods

DAY 4: THURSDAY 13 SEPTEMBER 2007

- 9.00 – 12:30** **Introduction to Spectral Analysis / Periodic regression**
- 14.00 –17.30** **Introduction to ARIMA**
Introduction to the analysis of short term trends

DAY 5: FRIDAY 14 SEPTEMBER 2007

- 9.00 – 12:30** **Introduction to Spectral Analysis / Periodic regression**
Introduction to spatial analysis of surveillance data
Representation of geographic data
Introduction to Geostatistics
- 14.00 –17.00** **Introduction to point processes (case-control analysis)**
- 17.00 – 17.30** **Evaluation of the course and farewell**