

MED-VET-NET



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Network for the prevention and control of zoonoses

MED-VET-NET **Why Zoonoses?**

- Of the 1415 species of infectious agent known to be pathogenic to humans, approx. 60% are zoonotic
- It is estimated that over 75% of emerging diseases are zoonotic
- Many are food-borne or have reservoirs in livestock
- Research on zoonoses is currently highly fragmented

MED-VET-NET **Increasing zoonotic risk**

The risk of zoonotic diseases is increasing due to:

- Global travel and international trade
- Global warming
- The encroachments of man into new habitats
- Development of new transmission routes
- Increasingly susceptible human populations



MED-VET-NET **What is Med-Vet-Net?**


Med-Vet-Net is a Network of Excellence funded from 1st September 2004 to the value of €14.4 million by the EU for 5 years

»MED-VET-NET is a European network of excellence, working for the prevention and control of zoonoses and food borne diseases«

MED-VET-NET **MVN- overall objective**

The overall objective of Med-Vet-Net is to develop a network of excellence for the integration of veterinary, medical and food sciences, in the field of food safety, at the European level, in order to improve research on the prevention and control of zoonoses including food borne diseases while taking into account the public health concerns of consumers and other stakeholders.

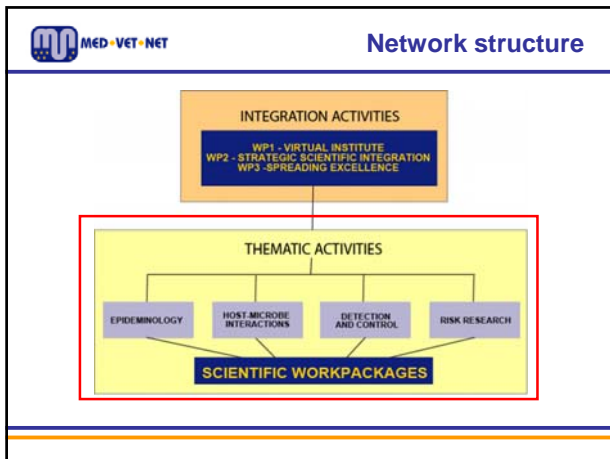
MED-VET-NET **10 countries, 16 partner institutes, ~300 scientists**



United Kingdom	Italy
1 Health Protection Agency (HPA)	13 Istituto Nazionale di Health
2 Society for Applied Microbiology (SfAM)	14 Central Institute for Agricultural Disease Control (CIAD)
3 Veterinary Laboratories Agency (VLA)	15 Institut voor Dierhouderij (ID) - Leuven
Denmark	16 National Institute for Public Health and the Environment (IVM)
4 Danish Institute of Food and Veterinary Research (DFV)	
5 Statens Serum Institut (SSI)	Poland
France	17 National Institute of Hygiene
6 French Food Safety Agency (AFSSA)	
Germany	Spain
7 Federal Institute for Risk Assessment (BfR)	18 Institute of Health Carlos III, National Centre of Microbiology
Hungary	19 Complutense University Health (CCU)
8 Veterinary Medical Research Institute (VMRI)	Sweden
	9 National Veterinary Institute

Including medics, veterinarians, epidemiologists, risk analysts, statisticians, immunologists, microbiologists, food scientists & molecular geneticists

Introduction to Med-Vet-Net: Network for the prevention and control of zoonoses
Roberto La Ragione, Veterinary Laboratories Agency, UK



- Workpackages**
- 34 workpackages
 - Host microbe interactions
 - Epidemiology
 - Detection and control
 - Risk
 - 5 special interest groups
 - Molecular Epidemiology of European Bat Lyssaviruses
 - Emerging and Neglected Zoonoses Groups
 - Host-pathogen interactions
 - Epidemiology and control of *Campylobacter* in poultry
 - Wildlife-Related Emerging Diseases and Zoonoses

- Objectives of Med-Vet-Net**
- “Virtual Institute” structure
 - Partners involved at all levels; Directors - scientists
 - Integration of veterinary, food and human public health
 - Shared multidisciplinary strategic research direction
 - Common resources
 - Facilities, expertise, databases, strains, SOPs, etc
 - Critical masses - orphan zoonoses
 - Emergency capabilities & contingency planning
 - Knowledge dissemination
 - Training & mobility
 - Co-ordination with COST920 other NoEs, IP etc
 - International expansion ie EU-US-SAFE-FOOD

Website

- Public website - information on zoonoses, disease and research, news, events.
- Internal website – internal meetings, forum, publications, online collaboration.

- Annual Scientific Meetings**
- UK, 2005
 - Malta, 2006
 - Italy, 2007
 - France, 2008
 - Spain, 2009
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