

ITPGAH – Italian Global Animal Health



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ITPGAH is one of the NMGs of ETPGAH

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Representing the European animal health industry



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ETPGAH national mirror groups

European Technology Platform for Global Animal Health



ETPGAH

- Discussion Group for Heads of Mirror Groups: [contact email](#)
- Mirror Groups secretariat: [contact email](#)

National Mirror Groups and contacts in the IFAH-Europe Committee of National Associations (CNA)

- **Denmark** - "Danish Technology Platform for Global Animal Health" (**DKTPGAH**) Kristian [Møller](#) (Veterinærinstituttet) Anne Birgitte [Lundholt](#) (VIF)
- **France** - "Réseau Français pour la Santé Animale" (**RFSA**) Jean-Louis [Hunault](#) (SIMV)
- **Germany & Austria** - Martin [Schneidereit](#) (Bundesverband für Tiergesundheit - BfT) Dieter [Schillingner](#) (Merial)
- **Italy** - "Piattaforma Tecnologica nazionale" "Italian Global Animal Health" (**ITPGAH**) Paolo [Predieri](#) (AISA) Alessandra [Scagliarini](#) (Università di Bologna)
- **Spain** - "La Plataforma Tecnológica Española de Sanidad Animal" (**Vet+i**) Santiago [de Andrés](#) (Veterindustria)
- **The Netherlands** - Albert [Meijering](#) (Ministry Landbouw) Paul [Van Aarle](#) (Interve/Schering-Plough)
- **United Kingdom** - Phil [Sketchley](#) (NOAH) Jack [Kay](#), cc. Gemma [Adam](#) (VMD)
- **ERA-Net** - Alex [Morrow](#) (DEFRA)

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ETPGAH

ETPGAH Secretariat

ETPGAH reference documents

ETPGAH minutes and agendas

ETPGAH national mirror groups

DISCONTTOOLS

- European Technology Platform for Global Animal Health (ETPGAH) – December 2004

“Develop and deliver the most effective tools for controlling animal diseases that are of major importance to Europe and to the rest of the world, thereby improving human and animal health, food safety and quality, animal welfare and market access, contributing to achieve the Millennium Development Goals”

Where did we start from?



Animal Health Research in ITALY



Extremely fragmented research in the field of animal health is

WHO DOES RESEARCH?

UNIVERSITY





1. Scarce involvement and co-ordination of Italian representatives in the elaboration of european strategies on animal health;
2. Uncoordinated lobbying activities;
3. Insufficient interaction between research institutes and industry;
4. Insufficient interactions between industry and Regulatory Authorities;



ITPGAH created
a **discussion forum** between
different stakeholders,
under the leadership of industry
to develop research and
avoid duplication
for a more effective use of resources
and limited funds.

Action plan and selection of priorities

WHAT WE HAVE DONE



European Technology Platform
for Global Animal Health

Vision 2015



European Technology Platform
for Global Animal Health

Strategic Research Agenda



1. Achievements and current activities

ITPGAH - Piattaforma Tecnologica nazionale "Italian Global Animal Health"

NEWS

[Online il Vision Document ITPGAH](#)

ITPGAH parteciperà al convegno organizzando un convegno dal titolo: **"Europa chiama Italia: la salute animale ha bisogno di risposte"**, 29 maggio 2008 ore 15.00 Sala Verde, Fiera di Bologna

[Governance della Piattaforma](#)

[Gli aderenti alla Piattaforma Italiana](#)

La Facoltà di Medicina Veterinaria di Bologna, in collaborazione con ARIC (area della ricerca dell'Ateneo di Bologna) ha avviato il processo di costituzione della piattaforma tecnologica nazionale "Italian Global Animal Health" (ITPGAH).

ITPGAH vuole riunire attorno ad una Visione strategica comune i principali attori nel campo della salute animale con l'intento di stimolare la partnership tra settore pubblico e privato e per rafforzare le basi scientifiche per lo sviluppo e la competitività delle industrie del settore.

La piattaforma italiana nasce come mirror group della Piattaforma Tecnologica Europea "European Technology Platform on Global Animal Health" (ETPGAH) che ha riunito industrie farmaceutiche veterinarie, compagnie biotecnologiche, allevatori, istituti di ricerca, università, autorità "regolatorie" e mondo finanziario ed è stata supportata da diverse direzioni generali della Commissione europea (DG DEV, DG research, DG SANCO).

ITPGAH vuole sintetizzare la Visione strategica dei principali attori italiani nel campo della salute animale per farla valere sul piano politico nazionale, oltre che comunitario, con l'intento di produrre un adeguamento normativo favorente lo sviluppo e la competitività delle aziende del settore della salute animale, sia attraverso una più efficace partnership tra ricerca pubblica e privata, sia attraverso un'inderogabile riorganizzazione e razionalizzazione degli enti di ricerca.

[Endorsement - Supporto a ITPGAH](#)

Come entrare a far parte della piattaforma.

Stampa
Manda a un amico
Informazioni sulla pagina +
UniboSearch (beta) +

In evidenza

[Lancio nazionale ITPGAH e apertura della Consultazione Nazionale. Bologna, 19 dicembre 2007](#)

[Presentazione della Piattaforma Italiana "Italian Global Animal Health" - 28 Febbraio 2007](#)

[Lancio della piattaforma tecnologica europea GAH](#)

[Vision 2005 e Agenda Strategica](#)

EVENTI

[Epidemiological - Clinical - Genomic Data Bases and Statistical Software for Data Analysis in Biomedicine](#)
July 7-12, 2008
PTUD - Villa Tittoni Traversi
via Lampugnani, 66 - Desio (Milan)

Issues/opportunities identified

A Shared document of italian KBBE 2 TPs

...the new strategy!



Issues/opportunities identified

The new PNR 2009-2013

from the Ministry of University and
Research (MIUR)

MIUR recognizes the role of the TPs in the **coordination of national initiatives** and in the **alignment of priorities** between
academia and industry

ITPGAH

Action plan for 2009



Priorities identified out of the action plan

- Need to implement EU priorities with southern EU contributes
- Need to increase national research

1. PRIORITISATION AND GAP ANALYSIS



Themes identified so far

1. FOOD SAFETY

1. *Escherichia coli* O157 and cattle colonisation: genomic analysis of “super-shedders” animals for the identification of the host factors involved
2. **Implementation of vaccine strategies** for the control of zoonotic Hepatitis E virus infection in swine
3. Genomic sequencing of *Salmonella enterica* subsp. enterica strains for pathogenetical and **epidemiological studies of salmonellosis** in animals and humans
4. **Nutrition-based interventions for health** in large scale animal production
5. **Marine toxins in seafood**

2. Minor species and endemic diseases in the Mediterranean area

1. Control and prevention of **endemic diseases of small ruminants** in the mediterranean area.
2. Epidemiology, pathogenesis and control of avian pathogens, including zoonotic agents, in **minor avian species**.
3. **Parasitic livestock diseases**, climate change, reduced pasture resources, **management of anthelmintics**
4. Development of biotec vaccines to prevent **hydatid disease and Coenurosis** in domestic animals and humans **in the Mediterraneanan region**.

3. GAP ANALYSIS OF AVAILABLE PRODUCTS/technology

Need for:

1. **Molecular database and diagnostic tools for aquatic pathogens**
2. Extended sequencing of *Mycobacterium avium* subsp. **paratuberculosis strains** for sensitive detection of polymorphisms relevant for accurate diagnosis of Johne's disease.
3. **Mucosal vaccines to control enteric pathogens** of public health significance in farm animals (*E.coli* and *Salmonella*).
4. Implementation of **analytical strategies** for residue analysis of **growth promoting agents** in food-producing animals.
5. **Epidemiology and risk analysis of fish zoonotic pathogens** in the Mediterranean area

2. BASIC research

1. **Phylogenetic approaches to study viral evolution**
2. Host-virus genome interactions: identification and roles for viral **microRNAs**
3. Investigations on active principles in plant species used in **ethnoveterinary medicine** to cure animals
4. **Research on antivirals for the therapy and control of animal diseases**

3. Support Actions to ENABLE R&D

Need for:

**DATABASE OF ITALIAN GLP TEST
FACILITIES INVOLVED IN NON-CLINICAL
ANIMAL TESTING STUDIES**

4. Regulatory ISSUES

A new System for TRACEABILITY
OF Veterinary DRUGSfor minor
species

5. Global Perspective TADs and EMERGING THREATS

1. **Control of tick infestations and the transmission of tick-borne pathogens**
2. Pathogenetic investigation and clinical surveillance of **West Nile Virus disease**
3. **Genetic analysis of arboviral populations** detectable in arthropod vectors and in animal reservoirs.

APRE

Agenzia per la Promozione della Ricerca Europea

Dal 1989 APRE offre assistenza sui programmi europei di ricerca



PARTICIPATION OF ITPGAH in the WG3 DISCONTTOOL





Objectives

- Focus & prioritise research
- Stimulate delivery of new and improved diagnostics, vaccines & pharmaceuticals
 - Develop database on 45 diseases from ETPGAH
 - Develop prioritisation model
 - Develop Gap Analysis model
- Ensure the deployment of new technologies in the animal health research area as rapidly as possible
 - Develop blueprint for the identification and evaluation of new technologies

Possibility to create a network
Of the Mediterranean National Mirror Groups



Réseau Français pour la Santé Animale

**Groupe Miroir de la Plateforme
"European Technology Platform for Global Animal Health"**

Vet+i



Spanish Technology Platform for Animal Health



Thank you for your attention