

The Global Foot-and-Mouth Disease Research Alliance



Global Foot-and-Mouth Disease
Research Alliance

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Global Foot-and-Mouth Disease Research Alliance (GFRA)

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GFRA Workshop Agenda

09:00 Introduction (Cyril Gay)

- GFRA Vision and Mission
- GFRA Membership options
- GFRA Executive Committee
- GFRA Strategic Goals and Objectives

09:30 Examples of current GFRA activities (Luis Rodriguez and Bryan Charleston)

- United States
- United Kingdom

10:30 Roundtable discussion (Facilitator – Aldo Dekker)

Suggested Topics

- Research priorities
- Strategic research initiatives: Africa, Asia, South America, Europe, North America, Eurasia
- Public/private partnerships
- Aligning expertise and resources
- Relevance and impact
- Potential sponsors/contributors/funding

12:00 GFRA meetings 2009-2010 - Wilna Voslo

12:30 Adjourn



Vision of GFRA

A coordinated global alliance of scientists producing evidence and innovation that enables the progressive control and eradication of FMD



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Mission of GFRA

To establish and sustain global research partnerships to generate scientific knowledge and discover the tools to successfully prevent, control and eradicate FMD



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Membership

Any organization interested in enabling the GFRA vision and mission is encouraged to join the alliance. There are three membership options:

1. *GFRA member.* FMD research organization that has signed the GFRA MoU
2. *GFRA collaborator.* Organization that collaborates on a research project with a GFRA member
3. *GFRA associate.* Organization that benefits, shares or supports the GFRA mission



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GFRA Executive Committee

- An Executive Committee comprising GFRA members facilitates activities that advance the GFRA mission.
- Committee membership rotates, with one member being replaced each year.
- The chair rotates among member institutions on a yearly basis.



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GFRA Strategic Plan

- GFRA aims to expand FMD research collaborations worldwide and maximize the use of resources and expertise to achieve five strategic goals



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Strategic Goals of GFRA

- **Goal 1.** Facilitate research collaborations and serve as a communication gateway for the global FMD research community
- **Goal 2.** Conduct strategic research to better understand FMD
- **Goal 3.** Development of the next generation of control measures and strategies for their application
- **Goal 4.** Determine social and economic impacts of the new generation of improved FMD control
- **Goal 5.** Provide evidence to inform development of policies for safe trade of animals and animal products in FMD-endemic areas



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Strategic Objectives of GFRA

Goal 1. Facilitate research collaborations and serve as a communication gateway for the global FMD research community

Objective 1.1

Hold meetings to facilitate and coordinate information exchange and research collaborations in FMD

Objective 1.2

Identify research priorities for FMD control based on expert focus group consultation, gap analysis, and other methods.

Objective 1.3

Develop and maintain an active Web site to facilitate the mission of GFRA

Objective 1.4

Seek funding for GFRA coordination activities



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Strategic Objectives of GFRA

Goal 2. Conduct strategic research to better understand FMD

Objective 2.1

Understand host-pathogen interactions

Objective 2.2

Understand the mechanisms of viral persistence

Objective 2.3

Understand the ecology of FMD



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Strategic Objectives of GFRA

Goal 3. Development of the next generation of control measures and strategies for their application

Objective 3.1

Discover vaccines specifically designed for the control and eradication of FMDV

Objective 3.2

Improved diagnostics for surveillance, outbreaks, and recovery

Objective 3.3

Discover biotherapeutics that will provide rapid protection

Objective 3.4

Determine scientific information to implement effective biosecurity measures



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Strategic Objectives of GFRA

Goal 4. Determine social and economic impacts of the new generation of improved FMD control

Objective 4.1

Identify collaborations that would deliver robust cost benefit analysis to assess the impacts of the new generation of FMD control measures

Objective 4.2

Study social incentives to utilize control measures

Objective 4.3

Identify the product profile for new countermeasures and control strategies



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Strategic Objectives of GFRA

Goal 5. Provide evidence to inform development of policies for safe trade of animals and animal products in FMD-endemic areas

Objective 5.1

Provide evidence of FMD infectivity from infected animals

Objective 5.2

Provide evidence of infectivity and or inactivation of FMDV in animal products

Objective 5.3

Provide evidence for the economic and technical feasibility of compartmentalization of FMD-free areas in endemic countries

Objective 5.4

Provide evidence for the safety of commodities emerging from FMD-free compartments in endemic countries



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GFRA Research Programs

- Several research programs are currently active in Europe, North America, Africa, South America and South-East Asia



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Questions/Comments/Discussion



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