“Availability and use of vaccines for FMD in different parts of the world”

The Argentine FMD Antigen and Vaccine Bank
The Argentine FMD Antigen and Vaccine Bank

- History
- Activities
  - The 2000 / 2001 FMD outbreak in S.A.
  - The creation of a Technical / Scientific Network: RIIDFA
- The Impact for the continent
- The future
The Argentine FMD Antigen and Vaccine Bank

History

- 1999: was defined as one of the main topics to be accomplished in order to stop the vaccination program in 1999; to apply for the status of FMD free w/o Vaccination in Argentina
- 2000: National Tender
- 2001: start the activities
- 2001 – 2002: supplier for the S.A. emergency
- 2002: Last FMD outbreak in Argentina.
- 2006: supplier for the NAFMDVB
“Availability and use of vaccines for FMD in different parts of the world”

The Argentine FMD Antigen and Vaccine Bank

- The 2000 / 2001 FMD outbreak in S.A.
  - Supplied more than 150 million doses each year
  - Started the vaccine production with the new strains A2000 and A2001
- 2009 supplied 180 million doses/year for Argentina and the region (capacity 200 million doses/year)
- The creation of a Technical / Scientific Network:
  - RIIDFA: SENASA – CONICET / CEVAN – INTA – BIOGENESIS BAGO
  - SCIENTIFIC PRODUCTION: International Research projects and scientific papers (Vaccine 26 (2008) 3432–3437 - Foot-and-mouth disease vaccine potency testing in cattle using homologous and heterologous challenge strains: Precision of the “Protection against Podal Generalization” test – Goris et al. RIIDFA and VAR - Belgium, Faculty of Veterinary Medicine)
The Argentine FMD Antigen and Vaccine Bank

- The Impact for the continent
  - Technological development
  - Human resources
  - Scientific contribution
  - Vaccine and Antigen supplier for the Americas
The Argentine FMD Antigen and Vaccine Bank

The future

Questions:

- Is there a need of FMD vaccine and antigen banks in South America? If yes: when and how.
- Is it a Regional Technical / Scientific Network a need?, and is it possible?
- Is it necessary an harmonization process for regulatory issues in vaccine control and vaccine banks?
¡Muchas Gracias!
“Availability and use of vaccines for FMD in different parts of the world”

The Argentine FMD Antigen and Vaccine Bank