

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

The Argentine FMD Antigen and Vaccine Bank



BIOGÉNESIS-BAGÓ

PARA UN TRABAJO BIEN HECHO

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

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



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

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*)





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

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





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

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?**





BIOGÉNESIS-BAGÓ

¡ Muchas Gracias !



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

The Argentine FMD Antigen and Vaccine Bank



BIOGÉNESIS-BAGÓ
PARA UN TRABAJO BIEN HECHO