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**PUBLICATION**

Role of T interferon-gamma in protection against classical swine fever (CSF)

A study carried out by researchers of the CReSA demonstrates that interferon-gamma induction correlates with protection by DNA vaccine expressing E2 glycoprotein against classical swine fever virus infection in domestic pigs. (+)

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**TECH TRANSFER**

From genetic characterization to Glässer’s disease vaccine development

“Polynucleotides of Haemophilus parasuis and its use” is a CReSA’s patent (WO/2007/039070) that has allowed the selection of new antigen candidates for vaccination against Glässer’s disease. Those antigens were selected using a reverse vaccinology approach. (+)

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**CReSA TRAINING PROGRAMS**

Courses and Seminars for Professionals

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**PROCEEDINGS**

(download pdf)
DNA immunization of pigs with foot-and-mouth disease virus minigenes

One of the main challenges in animal health research is developing new and more effective and safer recombinant vaccines against foot-and-mouth disease (FMD), one of the most contagious and economically devastating diseases for ungulates. Researchers of the CReSA, INIA and CBMSO have published in Virus Research the last results obtained with DNA vaccines. (+)

Implication of the host nucleus during African swine fever virus (ASFV) infection

Researchers of the CReSA have demonstrated the relevance of the host nucleus during ASFV infection. These discoveries might have important implications when searching for antiviral strategies against ASF that is currently causing real economical problems in many sub-Saharan countries and knocking at the door of the EU. (+)

Streptococcus suis polysaccharide interferes with dendritic cell functions

A study by scientists at the University of Montreal in collaboration with scientists at CReSA has determined that the capsular polysaccharides of Streptococcus suis are an important virulence factor involved in the functions of porcine dendritic cells. (+)

More than 1000 attendants at the international symposium organized by CReSA

More than 1000 people attended the 6th International Symposium on Emerging and Re-emerging Pig Diseases held at the Palau de Congressos de Catalunya, Barcelona (Spain). During 4 days, veterinarians and scientists from around the world presented the latest and more relevant information on emerging and re-emerging diseases of swine, with special emphasis on PRRS, PCVD and swine influenza (SI). (+)

Professor Zygmunt Pejsak visited the CReSA

Last 17th May 2011, Professor Pejsak, from the National Veterinary Research Institute (Pulawy, Poland) gave a lecture in CReSA entitled “Swine production and organization of research on pig health control in Poland”. He showed updated pig production figures and explained the research system for animal health in Poland. (+)

Future prospects in the development of vaccines against RNA viruses

The meeting organized by the European network EUROPRRSNET took place in Barcelona (10-11 June 2011). Future prospects for developing vaccines against the Porcine Respiratory and Reproductive Syndrome Virus (PRRSV) were presented. (+)