



# Centre de Recerca en Sanitat Animal (CReSA)

## Patent ownership

*Update: 2013, August*

# Patents

## **USE OF A GENIC AND/OR PEPTIDIC CONSTRUCTION TO MANUFACTURE A VACCINE TO PREVENT AND/OR CONTROL OF AFRICAN SWINE FEVER VIRUS INFECTION (P26002)**

The present invention describes the protection afforded against the lethal ASFV challenge in a proportion of immunized pigs. Protection correlates with the induction of specific CD8 T-cells against two peptides from the ectodomain of the viral hemagglutinin (peptides R2F3 and R3A6). Immunization experiments with these two synthetic peptides confirmed their protective capability. Our results open new expectation for the future development of universal vaccines against ASFV.

**Under process of examination in Spain and the European Union**

# Patents

## **POLYNUCLEOTIDES OF *HAEMOPHILUS PARASUIS* AND ITS USE (P24944)**

The present invention relates to *Haemophilus parasuis* polynucleotides produced by recombinant technology. It also relates to polypeptides that are expressed by said polynucleotides and also to a vaccine against *H. parasuis* that comprises said polypeptides. In another aspect, the invention also relates to the use of polynucleotides to determine if a strain of *H. parasuis* is virulent or avirulent.

**Granted in the European Union and in the process of examination in the USA and Canada.**

# Patents

## **USE OF A NON-CODIFYING REGION OF THE GENOME OF THE FOOT-AND-MOUTH DISEASE VIRUS AS AN ANTI-VIRAL PRODUCT**

The present invention is referred to the use of a non-codifying region of the genome of the foot-and-mouth disease virus to elaborate a pharmaceutical composition for the treatment and/or prophylaxis of diseases caused by viruses sensitive to interferon.

**Under process of examination in Spain and the European Union**

**Patent co-owned by CSIC, INIA and CReSA**



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