

News on the Fight-2 Project

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Article published by the International Veterinary Record Case Reports

Article published by the **International Veterinary Record Case Reports**, Session WILDLIFE (10.1136 / vetreccr-2019-001002), on March 18, 2020 about the **first detection of co-infection by RHDV2 and myxomatosis virus in a wild rabbit**.

This study was partially funded by the **FIGHT 2** project, namely, regarding the molecular characterization of the RHDV2 strain involved in this co-infection event. The article can be consulted at the link below:

http://www.inia.vet.pt/fotos/editor2/artigo_detecao_de_myxvrhdv2_em_coelho_bravo.pdf

Article Text

Wildlife
Rodents and lagomorphs

PDF

Myxoma virus and rabbit haemorrhagic disease virus 2 coinfection in a European wild rabbit (*Oryctolagus cuniculus algirus*), Portugal

Abstract
Myxoma virus (MYXV) and rabbit haemorrhagic disease virus 2 (RHDV2) are two major pathogens that affect the European rabbit (*Oryctolagus cuniculus*). Between August 2017 and August 2019, 1166 wild rabbits (971 legally hunted and 195 found dead) were tested by PCR-based methods for MYXV and RHDV2 within the scope of an ongoing surveillance programme on wild leporids in Portugal. Despite never having been reported before and being considered a rare event, coinfection by RHDV2 and MYXV was detected in one juvenile wild rabbit found dead in the Évora district located in Alentejo. The relative frequency of coinfection in the group of diseased rabbits (found dead in the field) was 0.52 per cent (1/195). The positivity percentage of each single virus was much higher, namely, 14.36 per cent (28/195) for MYXV and 55.38 per cent (108/195) for RHDV2, within the 2 years of sample collection considered.

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<http://dx.doi.org/10.1136/vetreccr-2019-001002>

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Fight-Two Project - Development of an edible vaccine for the control of viral hemorrhagic disease (RHDV2) in wild rabbits

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