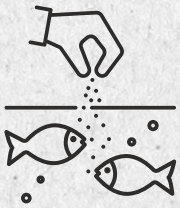
e-Vitis: NeoGiANT's approach to antibiotic reduction and antimicrobial resistance control

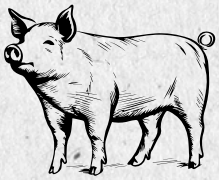
NeoGiANT project is based on the use of a natural bioactive extract (e-Vitis) to help fighting antimicrobial resistance (AMR). e-Vitis extract is obtained from white grape (Albariño variety) marc, and it is patented by i-Grape Laboratory

The grape marc used is a by-product of the winemaking process, and its valorization provides a solution to waste management of tons of product each year, contributing to a Circular Economy approach in the sector. The interest of e-Vitis extract as functional ingredient resides in its bioactive properties, mostly provided by the great amount of polyphenols present in the raw material. These compounds give the extract excellent antioxidant and antimicrobial properties that can be used to reduce the dependence on the use of antibiotics.

NeoGiANT's approach is to explore the applications of e-Vitis in several sectors related to animal welfare as a functional ingredient in formulations that can be complements or alternatives to synthetic antibiotics. NeoGiANT aims to obtain several lines of products including:



Feed



Preservatives to be used in animal reproduction



Veterinary therapies

Four groups of animals are represented in the project (cattle, poultry, swine, and fish) for their importance also regarding human health

NeoGiANT H2020 project

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