

Título: COMMERCIAL FORMULATIONS FOR THE PARASITICIDE FUNGUS MUCOR CIRCINELLOIDES

Nombre: HERNANDEZ MALAGON, JOSE ANGEL

Universidad: Universidad de Santiago de Compostela

Departamento: Escuela de Doctorado Internacional Campus Tierra de la Universidad de Santiago de Compostela

Fecha de lectura: 31/10/2019

Mención a doctor europeo: concedido

Programa de doctorado: Programa de Doctorado en Medicina y Sanidad Veterinaria por la Universidad de Santiago de Compostela

Dirección:

- > **Director:** MARIA SOL ARIAS VAZQUEZ
- > **Codirector:** Adolfo Paz Silva
- > **Codirector:** Rita Sánchez-Andrade Fernández

Tribunal:

- > **presidente:** FRANCISCO ANTONIO ROJO VAZQUEZ
- > **secretario:** Rosario Panadero Fontán
- > **vocal:** LUIS M. MADEIRA DE CARVALHO

Descriptor:

- > PATOLOGIA ANIMAL
- > PARASITOLOGIA ANIMAL

El fichero de tesis ya ha sido incorporado al sistema

- > 465615_1204546.pdf

Localización: BIBLIOTECA XERAL USC

Resumen: Control of parasites based exclusively on the administration of pharmacological treatments has been insufficient for decades. Preventive actions are increasingly required to limit the risk of infection and make it possible to reduce the application of pharmacological therapies to those cases that are strictly necessary.

For a long time, it is known the existence of biological agents found naturally in the soil, able to develop antagonistic activity against certain stages of different parasites. Their practical application involves overcoming a number of aspects; the selective antiparasitic efficacy, easiness of propagation in affordable culture media and under standard conditions, comfortable and simple distribution, innocuousness over environmental components and marketing possibilities.

To try to respond to these requirements, a research based on the study of the possibilities of application and

commercialization of a saprophytic fungus with ovicidal activity, *Mucor circinelloides*, has been conducted throughout five trials.