

Antibodies for the Treatment of Diarrheagenic Bacteria

Problema

The excessive use of antibiotics has led to the emergence of resistant strains, necessitating the constant search for new combat strategies and antimicrobial compounds. In diarrheagenic infections, antibiotic treatment can, in some cases, worsen the patient's condition, leading to the development of hemolytic-uremic syndrome.

Solução

The solution proposes the use of immunoglobulin Y (IgY) produced in eggs from immunized chickens with a specific antigen for the treatment of intestinal infections caused by diarrheagenic bacteria. The technology has the potential to reduce antibiotic use, thereby decreasing the risk of bacterial resistance and promoting ethical animal use.

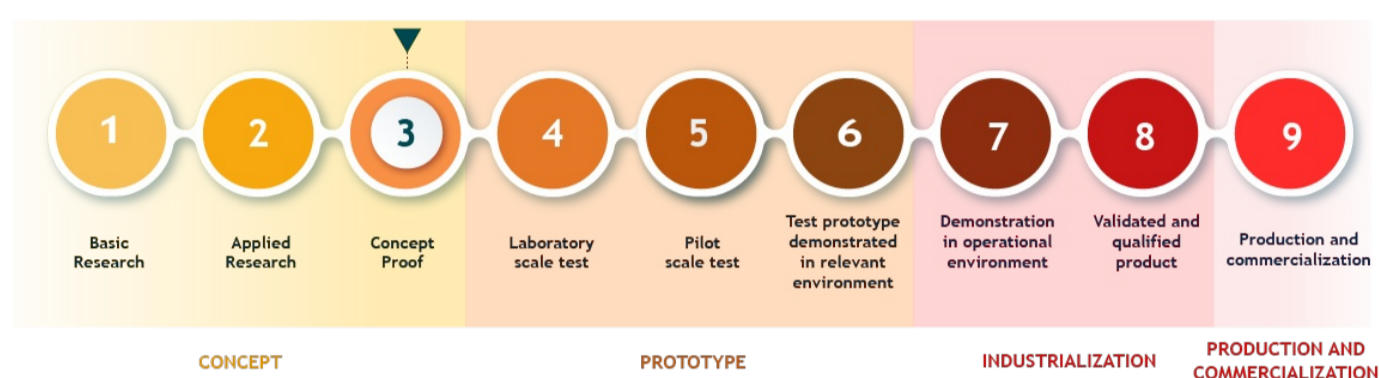
Diferencial

Low risk of bacterial resistance

Ethical use of animals

Food supplement or medicine

Estágio de Desenvolvimento



O que buscamos?

Seeking partnerships with pharmaceutical and/or nutraceutical industries for co-development and/or licensing of the technology for production and commercialization. Samples can be provided for collaborative testing

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Propriedade Intelectual

Tipo
Patente de Invenção

Descrição
Patent application filed in Brazil

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