H3 Equine Influenza A Virus

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WARF: P05092US

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The Wisconsin Alumni Research Foundation (WARF) is seeking commercial partners interested in an isolated H3 equine influenza A virus that could be used for vaccine development.

Overview

Influenza is a major respiratory disorder that affects humans and many animals, including horses. New strains of influenza arise frequently, creating a continuous need to isolate new influenza viruses for vaccine production.

The Invention

UW-Madison researchers have developed an isolated H3 equine influenza A virus, as well as methods of preparing and using the virus. This virus, which was isolated following a May 2003 outbreak of respiratory disease in horses, represents a new line of equine influenza virus. It is genetically related to a virus that caused an outbreak of influenza among horses in South Africa and to a virus isolated from greyhound dogs in Florida. This virus will be useful as part of an up-to-date vaccine against equine influenza.

Applications

- Equine influenza vaccines

Key Benefits

- Provides a potential new influenza strain for equine and possibly canine vaccine development

Additional Information

Related Intellectual Property

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Tech Fields

- Animals, Agriculture & Food : Animal health

For current licensing status, please contact Emily Bauer at emily@warf.org or 608-960-9842