



# #16I-18 Specific VHH antibodies against rabies virus

**Rabies** is a highly prevalent disease worldwide. **Control, prevention and diagnosis** are the tools to eradicate it. VHH antibodies are innovative reactive agents for fast and effective diagnosis of rabies virus, which may be potentially used as post-exposure treatment.

INCUINTA is working on the **production of specific nanobodies against rabies**, with a view to obtaining an **input to develop a method for diagnosis and potential treatment** of rabies virus infection.

## POTENTIAL ADVANTAGES:

- High affinity and specificity
- Neutralizing activity
- Thermal resistance

## TECHNOLOGY READINESS LEVEL:

Presently, we rely on a VHH gene library from llamas vaccinated with the rabies virus and we are working to find specific VHH clones. The latter will be subsequently characterized. Finally, scaling and marketing will be undertaken.

## INTELLECTUAL PROPERTY RIGHTS STATUS::

This development may potentially qualify for an invention patent.

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