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**Laboratoire de la rage et de la faune sauvage de Nancy**

**Unité INTERFAS (INfecTiologie - Eco-épidémiologie - Risque - FAune Sauvage)**

**Dr Serik Samarkhanov**
Specialist of serology department
**National Reference Center for Veterinary**
Almaty
Republic of Kazakhstan

Malzéville, le 27 mars 2026

# Training attendance certificate

**Dossier suivi par :**
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This is to certify that Dr Serik Samarkhanov, from the National Reference Center for Veterinary (Republic of Kazakhstan) attended a training course from 16/03/2026 to 27/03/2026 in the Nancy Laboratory for Rabies and Wildlife (France) on the following subjects:

- BHK-21 cell culture (observation)
- CVS-11 virus production (observation and practice)
- FAVN test (observation and practice)

This training course was also dedicated to some theoretical parts: FAVN test, BHK-21 cell culture, validation of the FAVN test (control cards), titres calculation (LogD50 titres and IU/mL titres) and CVS-11 production (MOI, research of CVS-11 working dilution).

Marine Wasniewski, PhD

Laboratoire de la rage et de la faune sauvage de Nancy
Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail

Deputy Director of the European Union Reference Laboratory for Rabies
Scientific leader of Virology-Immunology-Serology activities
Nancy Laboratory for Rabies and Wildlife