

# Autogenous vaccines: use and regulation

## PRACTICAL INFORMATION

**Dates:** <https://ensv-fvi.fr/actions-internationales/international-training-dates/>

**Duration:** 4-5 hours (1.5 day personal involvement)

**Location:** Distance learning

**Audience:** Professional from veterinary services interested in autogenous vaccines / vaccines / fight against antimicrobial resistance

**Number of participants:**  
Unlimited (Autonomous e-learning)

**Languages of tuition:**  
English, French

**General organization:**  
**Vincent BRIOUDES**, ENSV-FVI  
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**Technical coordination:**  
**Jean-Pierre ORAND**, ANSES ANMV (OIE Collaborating Center Vet. Medicinal Products)  
**Laetitia LE LETTY**, ANSES ANMV (OIE Collaborating Center Vet. Medicinal Products)

**Delivered certificate:**  
Certificate of attendance

**Tuition fees:** 800€

**Accessibility:**  
100% Online

**Registration:**  
Registration form is available on ENSV-FVI website <https://ensv-fvi.fr/actions-internationales/inscription-registrations/inscription-form-residential-courses/>

**Contacts:** [training@vetagro-sup.fr](mailto:training@vetagro-sup.fr)

## CONTEXT

Veterinary medicinal products play a key role in public health, by their potential impact on animal health, human health and environment. In the case of antibiotics for instance, their overuse or systematic misuse are the source of antibiotics resistance reactions, identified as a major threat to public health at the global scale. It calls for a collective awareness-raising of the necessity to regulate this class of drugs to ensure its responsible and prudent use.

Animal diseases prevention and control can also be partly based on the use of animal vaccination, that allows a mitigation of the administration of antimicrobials agents against infectious diseases. But it has to be acknowledged that there is not always an authorized vaccine available on the market for every existent pathology.

In case of lack of availability of vaccines, autogenous vaccines can represent a relevant response, conditionally upon being also well-regulated.

## PROGRAMME

### Main objective:

To understand the importance of developing a good regulation framework for autogenous vaccines manufacturing and use, by presenting the relevance and limits to the use of this class of drugs and its different monitoring modalities.

### Learning objectives:

With this training participants will be able to:

- analyze the benefits and risks inherent to the use of autogenous vaccines
- analyze regulation systems for autogenous vaccines
- define surveillance and monitoring modalities for autogenous vaccines.

### Course Content:

- Definitions related with autogenous vaccines; regulation strategies; quality, safety and efficacy of autogenous vaccines
- Good practices for autogenous vaccines manufacturing; inspection methods
- Good practices for the use of autogenous vaccines: prescription, sampling, pharmacovigilance.

### Teaching methods:

This training is provided totally remotely and asynchronously. An online platform will allow participants to access to written educational material and videos. Quizzes are proposed at the end of every learning module, and a final work assignment is asked.

### Prerequisites

Recommendations of the 2<sup>nd</sup> OIE Global Conference on Antimicrobial Resistance and Prudent Use of Antimicrobial Agents (Marrakesh)