



e-Learning course

# **The One Health approach for the control of vector-borne and zoonotic diseases**

**July 15, 2025 - January 15, 2026**

**organized by**

ISTITUTO SUPERIORE DI SANITÀ

National Center for Global Health

and

Training Service

**N° ID:** 233F25\_F

## **Introduction**

Zoonotic and vector-borne diseases pose a threat to health security. Control of these diseases requires strengthening governance and surveillance capacities, through effective collaboration between animal and human health and the environment sectors according to the One Health concept. As part of the project “Arboviruses and zoonotic diseases in Libya: a joint WHO-ISS intervention to mitigate threats using the One Health approach”, a training module was developed to increase awareness and knowledge of One Health approaches among professionals working to contain arboviruses and zoonoses.

## **Overall aim and objectives**

The aim of the module is to raise awareness of the One Health approach, its added value and areas for action, particularly in addressing vector-borne diseases and zoonoses, to integrate the approach into the development of national strategies and surveillance systems.

## **Learning and delivery method**

The learning method, inspired by the *Problem-Based Learning* (PBL) educational method, encourages participants to identify their learning goals by analysing and solving a problem linked to their professional setting.

The following learning resources are provided: problem and its solution, short video lessons (PowerPoint slides with a voice-over), supplementary readings and learning materials. The course is delivered by the ISS e-Learning platform EDUISS (<http://www.eduiss.it>)

## **Course Structure**

The e-learning course includes:

- an introduction explaining its relevance, general purpose, and structure
- the general objectives
- 1 learning unit

The **learning unit** includes:

- an introduction that presents the content of the unit
- the problem, based on a realistic scenario in relation to the themes of the course or unit, useful for the activation of the learning process and the application of the acquired knowledge





- the specific learning objectives
- the supporting material that the participant can use for further study and research, containing bibliographical references and web addresses specific to the topic covered
- the reading material (scientific articles, technical-scientific reports, legislative references, etc.) aimed at providing useful tools for the purpose of solving the proposed problem
- tutorials, which represent a summary of the main discussion and study elements of the course or unit
- expert problem solution

Other resources available to participants include:

- a news board with updates about the course's delivery
- a user guide
- a FAQ section (Frequently Asked Questions)
- a forum for comparing experiences and exchanging knowledge among participants

### **Duration and course conduct**

Completing the course will take 16 hours. **The course will be available from July 15, 2025 to January 15, 2026**

### **Assessment Methods**

The certifying test consists of questions with multiple-choice answers (4 options), only one of which is correct and will be passed with the achievement of 75% correct answers. The participant will have five attempts to pass the final assessment test.

Participants must also have compulsorily taken the formative tests in the course, which are:

- the placement test to be completed at the beginning of the course, which allows the participant to assess his or her prior knowledge on the topics covered in the course. It is mandatory, but does not constitute a barrier test
- the self-assessment test of the level of knowledge acquired, inserted at the end of the course. It is compulsory, but it has a formative function allowing to assess whether or not one needs to study the topics covered in greater depth, by means of the display of feedback indicating the questions that were not answered correctly, with a cross-reference to the learning objective to be reviewed.

A course satisfaction questionnaire is also provided, along with passing the final assessment test.

### **EXPERTS who prepared the content**

*Maria Grazia Dente* – Istituto Superiore di Sanità, National Center for Global Health, Rome

*Maham Habib* – Istituto Superiore di Sanità, National Center for Global Health, Rome

*Flavia Riccardo* – Istituto Superiore di Sanità, Department of Infectious Diseases, Rome

*Claudia Robbiati* – Istituto Superiore di Sanità, National Center for Global Health, Rome

### **Scientific Coordinator**

*Maria Grazia Dente*, Istituto Superiore di Sanità, National Center for Global Health, Rome

*Alfonso Mazzaccara*, Istituto Superiore di Sanità, Training Service, Rome

### **Scientific Secretariat**

*Maria Grazia Dente*, *Claudia Robbiati*, Istituto Superiore di Sanità, National Center for Global Health, Rome

### **Scientific Secretariat e-learning methods and technologies**

*Laura Lee Cellai*, *Ughetta Maria Favazzi*, *Andrea Vittozzi*, Istituto Superiore di Sanità, Training Service, Rome

**Organizing Secretariat**

*Alessia Ranghiasi, Gloria Nacca, Istituto Superiore di Sanità, National Center for Global Health, Rome*  
*Federica Maria Regini, Istituto Superiore di Sanità, Training Service, Rome*

**Target audience and maximum number of participants**

Workforce from different sectors dealing with zoonoses and vector-borne diseases.

Up to 1000 participants are admitted.

**Registration**

Participants should apply for registration on the web platform <https://www.eduiss.it>

The registration procedure includes two steps:

1) creating a personal account on the web platform <https://www.eduiss.it>

**ATTENTION: creating an account does not coincide with registration**

2) completing registration by selecting amongst available courses the title of the specific course "The One Health approach for the control of vector-borne and zoonotic diseases".

Registration is open from July 15<sup>th</sup>, 2025 to January 8<sup>th</sup>, 2026

The registration is free of charge

**Certificates of attendance**

The certificate of attendance, including training hours, will be available for the participants that attended the course and passed with a minimum of 75% success the Certifying Assessment Test.

**For any information pertaining to the course, please contact:** *Maria Grazia Dente, Claudia Robbiati,*  
Istituto Superiore di Sanità, National Center for Global Health, [mariagrazia.dente@iss.it](mailto:mariagrazia.dente@iss.it),  
[claudia.robbiati@iss.it](mailto:claudia.robbiati@iss.it)

**For technical and/or methodological information, please contact:** [formazione.fad@iss.it](mailto:formazione.fad@iss.it)