



FONDAZIONE GUIDO BERNARDINI
BETTER EDUCATION FOR BETTER SCIENCE

Online Course

Introduction to microbiological monitoring in rodents facilities

22 May 2025

from 9:00 to 17:00 CEST Time Zone

The course is designed to provide the participants with key concepts of the microbiological monitoring of laboratory rodents and their environment. The program includes an overview on traditional and emerging pathogenic agents, the description of different screening techniques for animals and biologicals. In addition, the necessary assessments in relation to the factors that influence the approach of the screening plan, from the housing system in use to the identification of the microbiological unit will be discussed. An open session will provide opportunities to discuss the practical challenges related to the management of a microbiological monitoring program.

WWW.FONDAZIONEGUIDOBERNARDINI.ORG



Dates	22-05-2025, from 09.00 to 17.00 CEST Time Zone
Language	English
Teaching method	Online
Location	Cisco Webex Platform
Teaching hours	7 hours
Target audience	Facility and unit managers and supervisors, veterinarians, persons responsible for overseeing the welfare and care of animals, quality assurance managers, animal technologists, senior technicians.
Learning outcomes	<p>At the end of the course participants should be able to:</p> <ul style="list-style-type: none"> • Understand the importance of a health monitoring program for laboratory rodents • Describe traditional and emerging agents • Describe the main concepts of FELASA guidelines • Compare traditional methods to new approaches for screening the animals • Identify the main advantages and disadvantages of different systems • Understand the importance of screening biologicals and describe the methods used • Understand the impact of housing system on traditional microbiological monitoring • Understand the application of environmental microbiological monitoring in Individually Ventilated Cages (IVCs)
Contents of the course	<ul style="list-style-type: none"> • Why should we worry about health monitoring? • Screening of animals: PROs and CONs of traditional and new approaches • Screening of biologicals: PROs and CONs of traditional and new approaches • Impact of housing system on traditional microbiological monitoring • Environmental microbiological monitoring in IVCs: technical solutions and different approaches
Teaching materials	Copies of all the presentations will be available for download few days after the course
Number of participants	Maximum 20
Selection of participants	CVs will be reviewed by the Course Committee to ensure that the applicants have the same professional scope in order to share common background and to maximize the training experience
Registration fee	<ul style="list-style-type: none"> • 160 Euro + VAT if applicable
Contacts	For more info please contact: secretary@fondazioneguidobernardini.org