



UNIVERSITÀ
CATTOLICA
del Sacro Cuore

CORSI DI FORMAZIONE ED AGGIORNAMENTO PER LA PROTEZIONE DEGLI ANIMALI DA LABORATORIO NELLA RICERCA SCIENTIFICA JULY-OCTOBER 2026 EDITION

Species: MICE and RAT
Species: MICE, RAT and RABBIT

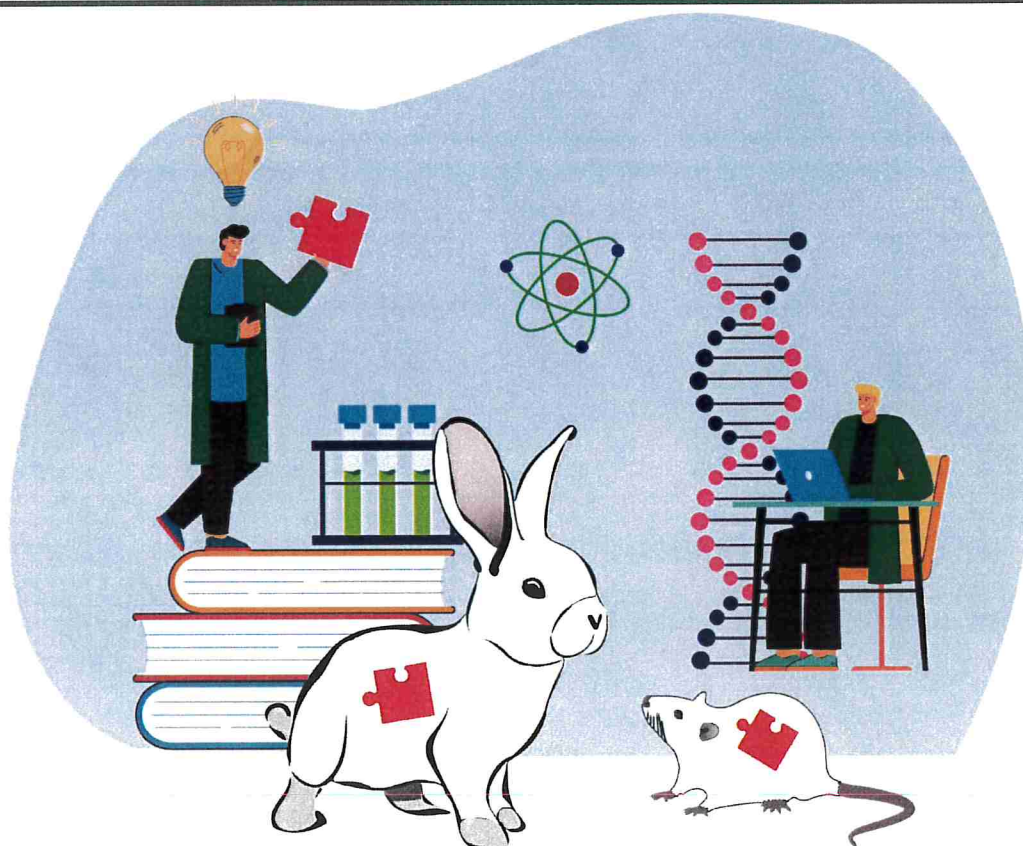
Ministerial Accreditation DGSAF – 33827 dated 18/11/2024

Also valid for CPD (Continuing Professional Development) – Sviluppo Professionale Continuo (SPC)



FELASA EUROPEAN ACCREDITATION (N. F076/24)
Functions A, B, C, D, and modules 20, 21, 22, 50, and 51

Accredited Education & Training Course



Theoretical part in E-learning mode: 20 JULY – 3 SEPTEMBER 2026
Practical part taken in person: 7 OCTOBER – 9 OCTOBER 2026

UNIVERSITÀ CATTOLICA SACRO CUORE
EXPERIMENTAL RESEARCH CENTER
Largo F. Vito 1 – 00168 Roma

USEFUL INFORMATION AND DEADLINES

➤ **PRE-REGISTRATION OPENS: 23 February 2026**

➤ **DEADLINE FOR PRE-REGISTRATION: 8 June 2026**

➤ **ADMISSION NOTIFICATION BY EMAIL: 24 June 2026**

- The Scientific Committee, chaired by the Course Director, Dr. Maria Emiliana Caristo, reserves the right to evaluate candidates' pre-enrollment applications, complete with CVs, for admission to the Course.
- Maximum capacity 24 participants.
- Confirmation of admission will be sent by email by **24 June 2026**, with the Policy and payment methods attached.
- Those admitted must confirm their participation by paying the registration fee no later than **6 July 2026**, at midnight. Failure to pay the fee will automatically result in forfeiture of admission to the course*.

The University reserves the right not to activate or postpone the course(s) if the minimum number of participants is not reached.

*Admitted students who decide to withdraw from the course are requested to promptly notify the Cen.Ri.S. Secretariat of their withdrawal, in order to allow those on the waiting list to be considered.

TRAINING COURSE

THEORETICAL COURSE (asynchronous e-learning) + GROUP WORK: from 20 July to 3 September 2026
By the non-extendable deadline of **3 September 2026**, students must have passed the online theory test and submitted their group project to the Secretariat of the Experimental Research Center (Cen.Ri.S.) in order to access the practical part of the course.

All details and operating procedures will be communicated to learners via email.

TEAMS EVENT - INTERACTIVE DISCUSSION: 16 September 2026 - time to be agreed upon

PRACTICAL COURSE (in person): will be held at the Cen.Ri.S. of the Catholic University of the Sacred Heart located at Largo Francesco Vito, 1, 00168 ROME.

Learners who are also interested in the RABBIT species will attend an additional day of training dedicated to this species, as shown in the diagram below.

MICE – RATS

7 October 2026 | 8:30 a.m. – 6:30 p.m.

8 October 2026 | 8:30 a.m. – 7:40 p.m.

RABBIT

9 October 2026 | 8:00 a.m. – 2:00 p.m.

BLENDED COURSE - MICE and RATS species

FELASA CERTIFICATE: Functions A, B, C, D and modules 20, 21, 22, 50, and 51

CFP CREDITS: No. 57 pursuant to Ministerial Decree of August 5, 2021, and Directorial Decree of March 18, 2022

ECM CREDITS (CME): No. 50 for all professions

ECM reference: event **2463-436458 - Ed. 1**

Training Objective: 24 – Veterinary health. Activities at animal facilities. Plant health

COURSE DURATION: 39 hours of asynchronous E-learning theory + 18 hours of classroom learning.

REGISTRATION FEE: € 1.002,00 for external students | € 802,00 for internal students (UCSC and FPG)

As the course is ECM-accredited, it is VAT-exempt. The fee includes a stamp duty of €2.00.

Payment methods will be communicated with specific POLICY

LINK FOR PRE-REGISTRATION:

<http://fopecom-rm.unicatt.it/fopecomonline/default.aspx?Edizione=1&IdEvento=11331>

BLENDED COURSE – MICE, RATS and RABBIT species

FELASA CERTIFICATE: Functions A, B, C, D and modules 20, 21, 22, 50, and 51

CFP CREDITS: No. 63 pursuant to Ministerial Decree of August 5, 2021, and Directorial Decree of March 18, 2022

ECM CREDITS (CME): No. 50 for all professions

ECM reference: event **2463-436470 - Ed. 1**

Training Objective: 24 – Veterinary health. Activities at animal facilities. Plant health

COURSE DURATION: 39 hours of asynchronous E-learning theory + 24 hours of classroom learning.

REGISTRATION FEE: € 1.402,00 for external students | € 1.202,00 for internal students (UCSC and FPG)

As the course is ECM-accredited, it is VAT-exempt. The fee includes a stamp duty of €2.00.

Payment methods will be communicated with specific POLICY

LINK FOR PRE-REGISTRATION:

<http://fopecom-rm.unicatt.it/fopecomonline/default.aspx?Edizione=1&IdEvento=11332>

CONTACTS

SCIENTIFIC COORDINATION:

COURSE DIRECTOR: Dr. Maria Emiliana CARISTO

SCIENTIFIC DIRECTOR: Dr. Marcello RASPA

THEORY AND PRACTICE COORDINATOR: Dr. Lorenzo LUPOI

SECRETARIAT OF THE EXPERIMENTAL RESEARCH CENTER

Università Cattolica del Sacro Cuore (Catholic University of the Sacred Heart)

FELASA certification and pursuant to Ministerial Decree of August 5, 2021, and Directorial Decree of March 18, 2022

Largo F. Vito 1, 00168 Roma

Tel: +39 06.3015.4616

Email: cenris.corsi@unicatt.it

ORGANIZATIONAL SECRETARIAT AND PROVIDER 2463

Università Cattolica del Sacro Cuore (Catholic University of the Sacred Heart)

Continuing Medical Education ECM (CME), Conferences, and Events

Largo F. Vito 1, 00168 Roma

Tel: +39 06.3015.4886 - 06.3015.7015

Email: mariagrazia.chierchia@unicatt.it



THEORETICAL PART E-LEARNING ON UCSC PLATFORM

30 MIN.	Introduction to the Course (organization, purposes, and goals). Animal Welfare and Design of Projects. Dr. M.E. Caristo, UCSC
100 MIN.	Legislative Decree No. 26/2014 implementing Directive 2010/63/EU and Guidelines for the submission of application for authorisation for projects under Legislative Decree 26/2014 (Annex VI) Dr. G. Botta, Ministry of Health
30 MIN.	Role and Functions of the Animal Welfare Body (AWB, art. 25 and 26 of Legislative Decree 26/2014) Dr. V. Appicciutoli, ASL RM1
50 MIN.	Ethics and animal experimentation: understanding and applying refinement in experimental procedures Dr. M. Piscitelli, ENEA Casaccia Research Centre
60 MIN.	Principle of the 3Rs and alternative methods: state of the art Dr. M. Raspa, National Research Council
20 MIN.	Bioethics and animal experimentation: towards a responsible perspective Don Paolo Bonini, UCSC
130 MIN.	Anatomy, biology and physiology of laboratory animals Prof. P. De Girolamo, University of Naples Federico II
60 MIN.	Biology, breeding, management, maintenance, and transport of laboratory animals and genetically modified models: general aspects (Part 1) Dr. F. Galbiati, Charles River Laboratories Italia
40 MIN.	Biology, breeding, management, maintenance, and transport of laboratory animals and genetically modified models: general aspects (Part 2) Dr. F. Galbiati, Charles River Laboratories Italia
240 MIN.	Basic and appropriate biology in rabbits. Animal care, health, and management. Recognition of pain, suffering, and distress in rabbits. Minimally invasive procedures without anesthesia. Dr. S. Fratini, UCSC
60 MIN.	Genetic standardization, health control, and monitoring (Part 1) Dr. F. Scavizzi, National Research Council
30 MIN.	Genetic standardization, health control, and monitoring (Part 2) Dr. F. Scavizzi, National Research Council
50 MIN.	Introduction to the establishment in compliance with the principles dictated by Legislative Decree 26/2014 Safety in animal enclosures and occupational hazards in scientific research with animal models: allergies and zoonoses Dr. M. Raspa, National Research Council
60 MIN.	Design and management of research infrastructures: principles, organisation and equipment to guarantee research quality and sanitary standardisation (hygiene, disinfection and sterilisation) Dr. D. Tamborini, Tecniplast S.P.A.
90 MIN.	Recognition and assessment of stress, pain and suffering. Animal welfare, environmental and social enrichment, environmental interference with experiments Dr. F. Carù, Accelera S.r.l

60 MIN.	Laboratory animal diseases, medical history review, clinical examination, and supportive medications (practical examples) Dr. S. Fuochi, GMO Manager at University of Bern
75 MIN.	Recognition of pain, suffering and distress Dr. M. Raspa, National Research Council
60 MIN.	Humanitarian methods of killing (part 1) Dr. S. Fratini, UCSC
60 MIN.	Humanitarian methods of killing (part 2) Dr. M. Raspa, National Research Council
45 MIN.	Minimally invasive procedures without anesthesia (Part 1) Dr. S. Fuochi, GMO Manager at University of Bern
160 MIN.	Minimally invasive procedures without anesthesia (Part 2) Dr. M. Piscitelli, ENEA Casaccia Research Centre
50 MIN.	Concepts and principles of technical and scientific evaluation of research projects in compliance with Legislative Decree 26/2014 Dr. Emanuela D'Amore, Istituto Superiore di Sanità
30 MIN.	European legislation (EU directive 63/2010) and Member State transposition (Legislative Decree 26/2014) for effective communication in promoting animal welfare and good science Dr. O. Boruc, European Molecular Biology Laboratory
60 MIN.	From the idea, to the project to the experiments: the major criticalities encountered in the evaluation (damage/benefit analysis, experimental design and sizing) Dr. L. Ricceri, Istituto Superiore di Sanità
90 MIN.	Elements of biomedical statistics for planning and compiling a research project Statistical analysis, experimental design and sizing of animal groups (practical examples) Prof. P. Pasqualetti, Sapienza University
50 MIN.	Designing procedures and projects according to the current Guidelines Prof. P. Pasqualetti, Sapienza University
80 MIN.	Design of procedures and Projects according to Legislation Dr. M. Raspa, National Research Council
120 MIN.	Conception, analysis and review of a research project Dr. M. E. Caristo, UCSC
60 MIN.	Principles and correct use of drugs, anaesthesia and analgesia to prevent pain, suffering and distress in animals used. Humane methods of suppression Dr. M. Raspa, National Research Council
120 MIN.	Anaesthesia for minor procedures Dr. S. Fratini, UCSC
120 MIN.	Research, Innovation and Development. Introduction to the local environment (establishment) for persons with specific roles under the directive (e.g. under Articles 24, 25 and 38) Dr. M. Raspa, National Research Council
140 MIN.	Information provision and retrieval Dr. M. Raspa, National Research Council

PRACTICAL PART – IN PERSON

Murine model

(video, demonstration and learner practice)

Management, Care, Health, and Maintenance:

- Breeding techniques
- Basic biology
- Cage inspection, animal monitoring and cage replacement
- Restraint and minimally invasive procedures without anesthesia.
- Sexing and weaning
- Animal identification
- Registration of animals and assessment of welfare parameters.

Administration and Blood Draws

- Administration of substances: (intramuscular, intraperitoneal, subcutaneous, oral feeding tube)
- Blood samples: caudal and facial blood, stool sample and oral swab

Anesthesia, Analgesia, and Humane Methods of Euthanasia

- Methods for recognizing pain, suffering, and distress.
- Gas and injectable anaesthesia: anaesthesia for minor procedures, advanced anaesthesia for surgical or prolonged procedures (preparation and administration)
- Humane methods of euthanasia
- Disposal of special stable waste

Necropsy

- Necropsy: preparation, technique and organ harvesting

Surgery and Sutures

(video, demonstration and learner practice)

- General surgery: application of osmotic pumps and minor surgery
- Sutures: demonstration of various types of sutures

Rats

(video, demonstration and learner practice)

Management, Care, Health, and Maintenance:

- Breeding techniques
- Identification and Basic Biology
- Cage inspection, animal monitoring and cage replacement
- Restraint and minimally invasive procedures without anesthesia
- Sexing and weaning
- Assessment of welfare parameters.

Administration and Blood Draws

- Administration of substances: (intramuscular, intravenous, intraperitoneal, subcutaneous, oral feeding tube)
- Blood samples: caudal vein, stool sample and oral swab

Anesthesia, Analgesia, and Humane Methods of Euthanasia

- Methods for recognizing pain, suffering, and distress.
- Gas and injectable anaesthesia: anaesthesia for minor procedures, advanced anaesthesia for surgical or prolonged procedures (preparation and administration)
- Humane methods of euthanasia
- Disposal of special stable waste

Rabbits

(video, demonstration and learner practice)

Management, Care, Health, and Maintenance:

- Breeding techniques
- Identification and Basic Biology
- Cage inspection, animal monitoring
- Restraint and minimally invasive procedures without anesthesia
- Assessment of welfare parameters.

Administration and Blood Draws

- Administration of substances: (intramuscular, subcutaneous, intravenous)
- Blood samples: arterial and venous

Anesthesia, Analgesia, and Humane Methods of Euthanasia

- Methods for recognizing pain, suffering, and distress.
- Gas and injectable anaesthesia: anaesthesia for minor procedures, advanced anaesthesia for surgical or prolonged procedures (preparation and administration)
- Humane methods of euthanasia
- Disposal of special stable waste

TITOLO	NOMINATIVO	CODICE FISCALE	LAUREA E SPECIALIZZAZIONE	AFFILIAZIONE
DIRIGENTE	MARIA EMILIANA CARISTO	CRSMML72M51L719L	Laurea in Medicina Veterinaria	UNIVESITA' CATTOLICA DEL SACRO CUORE
DOCENTE	PAOLO ANGELO BONINI	BNNPNG66M03A429W	Laurea in Veterinaria	UNIVESITA' CATTOLICA DEL SACRO CUORE
TITOLO	NOMINATIVO	CODICE FISCALE	LAUREA E SPECIALIZZAZIONE	AFFILIAZIONE
DIRIGENTE	VINCENZO APPICCIUTOLI	PPVCVCN56P28C773I	Laurea in Giurisprudenza	AZIENDA SANITARIA ASL RM E
RICERCATORE	LAURA RICCERI	RCCLRA66D54H501R	Laurea in Scienze Biologiche	ISTITUTO SUPERIORE DI SANITA'
PRIMO TECNOLOGO	MARCELLO RASPA	RSPMCL64B25D653R	Laurea in Medicina Veterinaria	CONSIGLIO NAZIONALE DELLE RICERCHE - EUROPEAN MOUSE MUTANT ARCHIVE (CNR - EMMA)
RICERCATORE	MARTA PISCITELLI	PSCMRT63A67H501X	Laurea in Medicina Veterinaria	ENEA
DIRETTORE SCIENTIFICO	PATRIZIO PASQUALETTI	PSQPRZ66A25H769H	Laurea in Scienze Statistiche e Demografiche	FONDAZIONE FATEBENFRATELLI PER LA RICERCA E LA FORMAZIONE
PROFESSORE ORDINARIO	PAOLO DE GIROLAMO	DGRPLA59R10F839Q	Laurea in Medicina Veterinaria	UNIVERSITA' DEGLI STUDI DI NAPOLI FEDERICO II
PRIMO TECNOLOGO	D'AMORE EMANUELA	DMRMNL59L53H501Y	Laurea in Medicina Veterinaria	ISTITUTO SUPERIORE DI SANITA'
VETERINARIO	FRANCESCO CARU	CRAFNC66R04L682X	Laurea in Medicina Veterinaria	ISTITUTO SCIENTIFICO OSPEDALE SAN RAFFAELE DI MILANO
DIRIGENTE	GIOVANNI BOTTA	BTTGNN59A23Z614Y	Laurea in Medicina Veterinaria	MINISTERO DELLA SALUTE
DIRIGENTE	DIEGO TAMBORINI	TMBDGI62L25B682T	Corso Direzione Commerciale c/o CEGOS	TECNIPLAST SRL

ELENCO DOCENTI – I CV SONO IN ARCHIVIO PRESSO IL PROVIDER

DIRIGENTE	FRANCESCA GALBIATI	GLBFNC68A59I690G	Laurea in Economia/Marketing	CHARLES RIVERS LABORATORIES ITALIA
MANAGER	SARA FUOCHI	FCHSRA83B68C816M	Laurea in Medicina Veterinaria	UNIVERSITA' DI BERNA
RICERCATORE	OLGA BORUC	BRCLGO82M48Z127M	Biologia	EMBL/CNR
TECNOLOGO	FERDINANDO SCAVIZZI	SCVFDN63T17H501P	Laurea Scienze Biologiche	CNR - EMMA
PROF.SSA	LIVIA D'ANGELO	DNGLVI82D64B963M	Laurea in Medicina Veterinaria	UNIVERSITA' DEGLI STUDI DI NAPOLI FEDERICO II

RES

TITOLO	DOCENTI INTERNI	COMPENSO LORDO	MOTIVAZIONE	LETTERA INCARICO
DIRIGENTE	MARIA EMILIANA CARISTO	3.500,00	DIRETTORE SCIENTIFICO E DOCENZA	NO
TITOLI	DOCENTI ESTERNI	COMPENSO	MOTIVAZIONE	LETTERA INCARICO
PRIMO TECNOLOGO	MARCELLO RASPA	2.500,00	RESPONSABILE SCIENT. E DOCENZA	SI
TITOLI	DOCENTI ESTERNI	COMPENSO LORDO	MOTIVAZIONE	LETTERA INCARICO

TUTOR UCSC ED ESTERNI

TITOLI	TUTOR INTERNI	COMPENSO LORDO	MOTIVAZIONE	LETTERA INCARICO
TECNICO DI ISTITUTO	LORENZO LUPOI	1000,00	COORDINATORE TUTOR	SI
OPERATORE TECNICO SPECIALIZZATO	MASSIMO AQUILINA	160,00	TUTOR	SI
TECNICO DI ISTITUTO	ALESSANDRA MANCUSO	320,00	TUTOR	SI
TECNICO DI ISTITUTO	CAMPANELLA MICHELE	400.000	TUTOR	SI
TITOLO	TUTOR ESTERNI	COMPENSO LORDO	MOTIVAZIONE	LETTERA INCARICO
TECNICO DI LB. STAB.	LAURA TATANGELO	320,00	TUTOR	SI