

Accredited by

felasa

Federation of European Laboratory Animal Science Associations

It has been submitted for its accreditation by the Madrid Regional Government for Categories B and C.



It is accredited in the Spanish Healthcare Continuing Education System, through credits allocation valid throughout the country.

Site

Centro Nacional de Investigaciones Oncológicas (CNIO)

C/ Melchor Fernández Almagro, 3
28029 Madrid (SPAIN)

Course duration

80 hours (40 Theory, 40 Practice)
Timetable: 14:00-19:30 h.

Selection of Candidates

It will be carried out by the CNIO.

Description and Objectives

The course meets the necessary contents to achieve an adequate level of competency on the use of animals on research and education. Its aim is to ensure animal protection and welfare, according to a high scientific level on the design of animal research procedures following the FELASA recommendations and the European and Spanish regulations.

It is aimed at scientists responsible for the design or direction of experimental procedures with animals in research or for educational purposes.

Candidates must hold a University Degree or a Master's Diploma in Biology, Medicine, Veterinary Science or any other discipline involving the necessary knowledge in Zoology and animal Anatomy and Physiology.

Registration and financing

1.350 Euros.

Possibility of financing through the Banco Santander or credit card.

Application form at: www.animalaria.org

Send to: animalaria@animalaria.org

COURSE OF LABORATORY ANIMAL SCIENCE FOR RESEARCHERS CATEGORY C

Organized by:

Centro Nacional de Investigaciones
Oncológicas (CNIO)

23 January - 9 February 2012



Directors

Mrs. Isabel Blanco
Dr. Ignacio Álvarez
Dr. José M. Orellana

Coordinated by



Animalaria
Formación y Gestión S.L.

Theory

- Laboratory animal science
- Laws and regulations
- Ethics Committees: Composition and functions
- Animal welfare. Ethology
- Nutrition
- Assessment of pain and severity of the procedures
- Lab animal Biology, Anatomy and Physiology
- Care and housing. Environmental enrichment. Identification
- Environmental factors. Facilities and functioning
- Accreditation systems. GLP, ISO, AAALAC
- Handling and transport
- Genetics standardization
- Microbiological standardization
- Animal Health
- Diseases and interaction with the experiments
- Health monitoring
- Pathology
- Microbiological containment systems
- Animal models
- Preparation of a protocol of animal experimentation
- Experimental design
- Administration and collection of biological samples
- Principles of surgery
- Anaesthesia and Analgesia
- Occupational health
- Euthanasia
- Alternative methods
- Analysis of Scientific Literature and databases
- Ethics on animal research

Practice

- Handling of animal species (rodents and xenopus)
- Anaesthesia, analgesia and surgery
- Genetics and International nomenclature
- Administration and collection of biological samples
- Assessment of animal welfare, pain and severity during the procedures
- Alternative methods on animal research
- Experimental design
- Specific experimental procedures
- Ethical revision of projects and legislation applied

Collaborate


CHARLES RIVER
 LABORATORIES


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Lecturers

Álvarez, Ignacio	University Complutense of Madrid
Bequet, Jean-Louis	Charles River, France
Blanco, Isabel	Spanish National Cancer Research Center (CNIO)
Castaño, Argelia	Toxicology. Carlos III Institute
De la Cueva, Ernesto	Vivotecnia S.L. (Madrid)
Dunn, Colin	Charles River (UK) / Laboratory Animals Ltd.
Feinstein, Ricardo	National Veterinary Department (Sweden)
Festing, Michael	Animal Procedures Committee (UK)
Guillén, Javier	AAALAC International
Howard, Bryan	University of Sheffield (UK)
Malumbres, Marcos	Spanish National Cancer Research Center (CNIO)
Morgado, José M. S.	Spanish National Cardiovascular Research Center (CNIC)
Morton, David	University of Birmingham (UK)
Mulero, Francisca	Spanish National Cancer Research Center (CNIO)
Orellana, José M ^a	University of Alcalá (Madrid)
Ortega, Sagrario	Spanish National Cancer Research Center (CNIO)
Pintado, Belén	Spanish National Biotechnology Center (CNB)
Salvador, Nieves	Cajal Neuroscience Institute
Tobin, Graham	Harlan Laboratories
Vergara, Patri	University Autónoma of Barcelona