



UNIVERSITÀ DEGLI STUDI DI MILANO

CONCORSO PUBBLICO, PER TITOLI ED ESAMI, N. 1 POSTO DI CATEGORIA D; AREA TECNICA, TECNICO-SCIENTIFICA ED ELABORAZIONE DATI, CON RAPPORTO DI LAVORO SUBORDINATO A TEMPO INDETERMINATO PRESSO L'UNIVERSITÀ DEGLI STUDI DI MILANO - DIREZIONE SERVIZI PER LA RICERCA - SETTORE ANIMAL CARE - CODICE 22331

La Commissione giudicatrice della selezione, nominata con Determina Direttoriale n. 14477 del 20/09/2023, composta da:

Prof.ssa Graziella Messina	Presidente
Prof. Fabrizio Gardoni	Componente
Dott. Alberto Gobbi	Componente
Sig.ra Stefania Bonacina	Segretaria

comunica i quesiti relativi alla prova orale:

GRUPPO DI QUESITI n. 1

Composizione, Ruoli e compiti dell' Opba anche alla luce del DM 5 agosto 2021

Leggere e tradurre:

Principle of replacement, reduction and refinement

1. Member States shall ensure that, wherever possible, a scientifically satisfactory method or testing strategy, not entailing the use of live animals, shall be used instead of a procedure.
2. Member States shall ensure that the number of animals used in projects is reduced to a minimum without compromising the objectives of the project.
3. Member States shall ensure refinement of breeding, accommodation and care, and of methods used in procedures, eliminating or reducing to the minimum any possible pain, suffering, distress or lasting harm to the animals.
4. This Article shall, in the choice of methods, be implemented in accordance with Article 13.

GRUPPO DI QUESITI n. 2

Valutazione ed applicazione degli score sheet di sofferenza e degli human end points: dall'Allegato VI del Dlgs. 26/2014 alla pratica su roditori, zebrafish e xenopus

Leggere e tradurre:

Purposes of procedures

Procedures may be carried out for the following purposes only:

- (a) basic research;
- (b) translational or applied research with any of the following aims:
 - (i) the avoidance, prevention, diagnosis or treatment of disease, ill-health or other abnormality or their effects in human beings, animals or plants;
 - (ii) the assessment, detection, regulation or modification of physiological conditions in human beings, animals or plants; or
 - (iii) the welfare of animals and the improvement of the production conditions for animals reared for agricultural purposes;
- (c) for any of the aims in point (b) in the development, manufacture or testing of the quality, effectiveness and safety of drugs, foodstuffs and feed-stuffs and other substances or products;
- (d) protection of the natural environment in the interests of the health or welfare of human beings or animals;
- (e) research aimed at preservation of the species;
- (f) higher education, or training for the acquisition, maintenance or improvement of vocational skills;
- (g) forensic inquiries.



GRUPPO DI QUESITI n. 3

Modalità di registrazione e rendicontazione degli animali usati a fine sperimentali.

Leggere e tradurre:

Methods of killing

1. Member States shall ensure that animals are killed with minimum pain, suffering and distress.
2. Member States shall ensure that animals are killed in the establishment of a breeder, supplier or user, by a competent person.

However, in the case of a field study an animal may be killed by a competent person outside of an establishment.

3. In relation to the animals covered by Annex IV, the appropriate method of killing as set out in that Annex shall be used.

4. Competent authorities may grant exemptions from the requirement in paragraph 3:

(a) to allow the use of another method provided that, on the basis of scientific evidence, the method is considered to be at least as humane; or

(b) when, on the basis of scientific justification, the purpose of the procedure cannot be achieved by the use of a method of killing set out in Annex IV.

5. Paragraphs 2 and 3 shall not apply where an animal has to be killed in emergency circumstances for animal-welfare, public-health, public-security, animal-health or environmental reasons.

Milano, 10 novembre 2023

La Commissione

Prof.ssa Graziella Messina Presidente

Prof. Fabrizio Gardoni Componente

Dott. Alberto Gobbi Componente

Sig.ra Stefania Bonacina Segretario