SOP Number: C-012

Last revised: 6Oct2017

SOP Title: Mouse Euthanasia in Research Laboratories

Purpose: To state the policy on euthanasia ensuring laboratory animals under HKUST oversight are sacrificed humanely

Responsibility: All Animal Users

Related SOP: NA

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1. Policy
   1.1. Methods using for euthanizing rodents in the research laboratory must be approved by the institutional IACUC via the approval of the Protocol.
   1.2. It is the responsibility of the Principle Investigator to provide training, document the training and assure the concerned animal users are competent to perform the approved euthanasia procedures.
   1.3. Unless user’s laboratory is equipped with the appropriated apparatus for acceptable euthanasia methodologies described in AVMA Guidelines for the Euthanasia of Animals: 2013 Edition, euthanasia is done by
      1.3.1. cervical dislocation,
      1.3.2. decapitation with a pair of sharp scissor,
      1.3.3. perfusion after anesthesia or
      1.3.4. by other means deviating from AVMA Guidelines for the Euthanasia of Animals: 2013 Edition, but with justification by scientific needs and approved by the IACUC.
   1.4. Euthanasia procedures must be done after receiving the appropriate training and validating the competency of the personnel by the supervising PI with the appropriate record managed by the individual laboratory.
   1.5. Euthanasia by uncontrolled delivery of CO₂, e.g. use of dry ice, is not accepted as an alternative of controllable CO₂ supply.

2. Reference