

**Institute of Cellular and Organismic Biology
Laboratory Animal Facility**

Irradiator usage regulations

Laws and regulations:

1. Ionizing Radiation Protection Act. 14.
2. Regulations for ionizing radiation safety and protection, management by ICOB.

Operators must have the following qualifications:

1. Attend at least 3 hours of ionizing radiation safety and protection education courses annually for continued certification.
2. Apply for a thermoluminescent dosimeter (TLD) badge and wear it when operating the irradiator.
3. Receive an annual health examination.
4. Attend the irradiator training course held by the Experimental Animal Facility to obtain certification.

Procedure to apply for irradiator use:

1. Non-ICOB members:
 - (1) Please contact the ionizing radiation safety and protection manager in your institute/center to apply for a TLD badge.
 - (2) Operators must apply to and receive permission from the ionizing radiation safety and protection managers of their personal unit as well as the ICOB before operating the irradiator in ICOB. In addition, a copy of the operator certification document should be provided to ICOB for reference.
 - (3) Operators must wear their own TLD badge when they use the irradiator. Users are prohibited from entering the irradiation-controlled region (the entire room) without a TLD badge.
 - (4) Cost of the health examination and periodic renewal of the radiation detection badge should be paid by the user's institute/center.
 - (5) According to the Ionizing Radiation Protection Act, operators must preserve health examination reports and periodic radiation detection badge records. In addition, copies of the above documents should be provided to ICOB for reference.
2. ICOB members:
 - (1) Please contact the ICOB ionizing radiation safety and protection manager to apply for a TLD badge.
 - (2) Operators must wear their own TLD badge when they using the irradiator. Users are prohibited from entering the irradiation-controlled region (the entire room) without a badge.

I have read and agree to abide by the above rules for irradiator usage.

Signature: