

Introduction of the Education Program for Animal Experiment in Seoul National University

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DEAR, BRI, SNUH supports various kinds of animal experiments from rodent to Non-human primates. Our institution has operated professional education program of animal experiment techniques for researchers who are planning animal experiments since 1998 opening era of institute. In Korea, since 2008, enforced "Animal Protection Laws" contained that the responsibility of completing an animal experimental techniques education before performing animal experiments. Following law amendment, the steering committee decide on policies of institution made it mandatory to finish the educational program include conforming to 3R standard strongly and emphasizing "Refinement". In other words, the policy was established that new researchers who want use our facility should complete "Animal Experimental Technique Workshop". It was divided into rodents or rabbits or dogs and pigs. Workshop with rodents is held once a month, and the others are held once a half-year. Educational contents were constituted that Introduction of IACUC and Ethical education, Sex classification, Individual identification, Observation, Restraints, Administration, Blood sampling, Anesthesia, Euthanasia and Necropsy with principle and practice. For 3 years, total 1,148 researchers were underwent this workshop. As managing the serial number of program completion strictly, researcher who did not take a course of program was forbidden to enter or leave our facility. Overall assessment items, for example, "Lecture contents", "Process method", "Level of occasion" and etc were showed high satisfaction through the survey against education participants. However opinions about the lack of practice time were expressed constantly by participants, so that we are considering adjustment of education time. Besides, it was determined that they want to know and learn about various surgical techniques, specific anatomical methods, recovery after anesthesia, organ dissection, tissue processing and etc. We lead researchers to be available to perform animal experiments with the establishment of right animal experiment culture and ethics 3R standards-based through our workshop program, and we're confident about operating educational workshop center which has the best level of know-how and history.