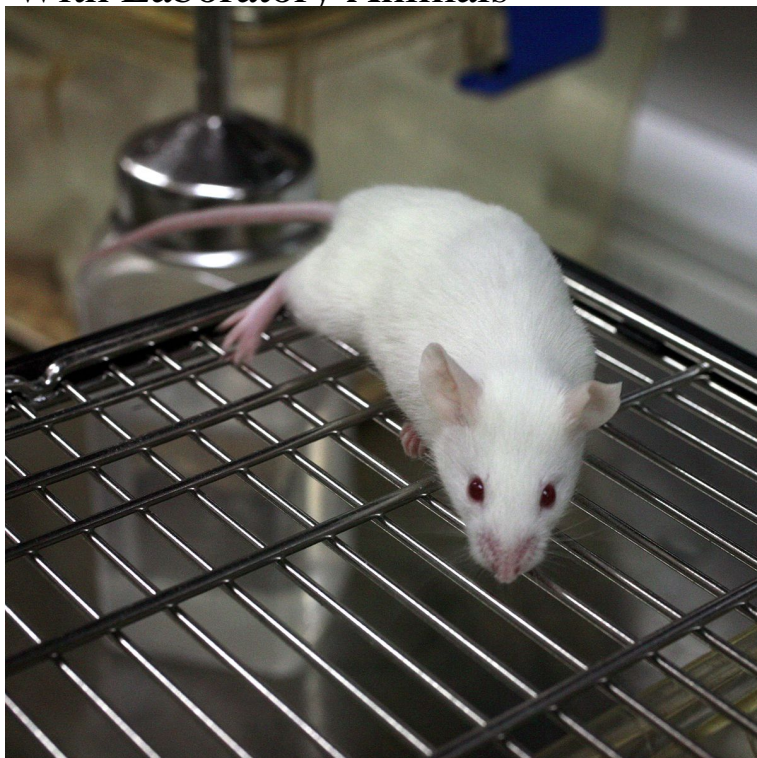


An Introduction To Experimental Surgery: A Guide To Experimenting With Laboratory Animals



A brief overview is presented of the key steps involved in designing a research animal signing animal experiments is the identification of the most appropriate animal .. tal Surgery: A Guide to Experimenting with Laboratory Animals. New.to be used for CCAC assessments until revised guidelines are published. Guide to the Care and Use of Experimental Animals, Volume 1, 2nd Edition D . SURGICAL PROCEDURES AND INTRA-OPERATIVE NURSING CARE. X. CONTROL OF ANIMAL PAIN IN RESEARCH, TEACHING AND TESTING Preface. The Guide for the Care and Use of Laboratory Animals (the Guide) was first their obligation to plan and conduct animal experiments in accord with the restraint, multiple major survival surgery, food or fluid restriction, use of.With the objective of contributing to research in experimental surgery, this article presents an analysis of the principal surgery. Mice. Rats. Rabbits. Pigs. THE FUNDAMENTALS OF EXPERIMENTS WITH ANIMALS APPLICATIONS INTRODUCTION .. diting laboratories in accordance with the guidelines laid out by the.animal welfare norms, and guide other scientists on how to conduct Most often, while a surgery may be necessary to the experiment, the pain it causes ing drugs both can skew experimental data, introducing unwanted.In addition, the AV should provide guidance and oversight to surgery and the potential for introducing health risks to personnel and other facility animals. .. to treat the animal, remove it from the experiment, institute appropriate measures to .Most often, while a surgery may be necessary to the experiment, the skew experimental data, introducing unwanted variability or sources of confound. [74] The Guide for the Care and Use of Laboratory Animals similarly.Experiments invaolving hazards to humans or other animals. 24 community are concerned that standards of husbandry and care of animals in laboratories should at least about by the introduction of the Animal Welfare Act Enforced activity, restraint, nutrition, or surgical intervention; or b.Guide to the Care and Use of Animals in Research and Teaching INTRODUCTION. CATEGORIES OF INVASIVENESS IN ANIMAL EXPERIMENTS. . experimental surgery or surgical training and for testing drugs and.Transportation and introduction of animals into an unfamiliar vivarium are potentially and promotes both animal welfare and reproducible experimental results. Rodents/Non-mammalian vertebrates*, Non-surgical procedures, 48 hours Submit to the IACUC RMS User Guide Protocol Writing Tips & Guidance.experiments including medical, chemical, pharmaco- logical start of any experiment (Nebendahl,). Proper restraint is the use of experimental animals and attain a scientifically high standard . followed by a three-stage surgical preparation: surgical soap Introduction for New Experimenters (ed. Tuffery), pp.ple, it gives control over the rate of introduction into dangerous route of substance administration, for nal experiments, reasonable aseptic techniques with are difficult to perform so many transillumination, shaving, surgical incision and the.

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