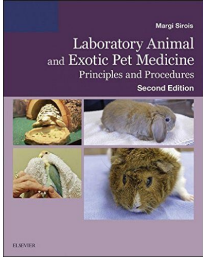


LABORATORY ANIMAL AND EXOTIC PET MEDICINE, Principles and procedures

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DESCRIPTION:

This combination text and lab manual provides clinically relevant coverage of laboratory animal medicine and procedures. It covers a variety of species, including rats, mice, guinea pigs, hamsters, rabbits, gerbils, ferrets, nonhuman primates, and in a separate chapter, nontraditional lab animals, such as swine, chinchillas, armadillos, reptiles, amphibians, bats, farm animals, and dogs and cats. Coverage of each species is presented in a consistent format that includes taxonomy, anatomy and physiology, uses in biomedical research, reproduction, behavior, husbandry, restraint and handling, identification methods, injection techniques, medication administration and anesthesia, blood collection, common diseases, and euthanasia. Other key topics include the laboratory setting, regulatory guidelines, and ethical considerations. The lab manual portion of the book features a variety of exercises and observation sheets.

Key Features:

- Comprehensive coverage addresses a wide variety of species (rats, mice, guinea pigs, hamsters, gerbils, ferrets, rabbits, nonhuman primates, swine, chinchillas, armadillos, amphibians, reptiles, birds, fish, farm animals, and cats and dogs) and covers a wide variety of topics (such as animal species, the laboratory setting, regulatory guidelines, and ethical considerations) to fully prepare students for work with all types of animals.
- Consistent organization of each species chapter makes it easy for students to quickly identify similarities and differences among various laboratory animals.
- The latest information on laws and ethics related to lab animal medicine cover the areas of pain management, use, care, and more.
- Review questions at the end of each chapter allow students to assess their knowledge of the material.
- Discussion of specific uses for each species in biomedical research gives students a perspective on animal use that allows them to explain the benefits of animal use as required by veterinary technology program accreditation procedure.
- Boxes and tables list anatomic and physiologic data for each species.

New to this Edition:

- NEW! Updated design features more high-quality, full-color illustrations and a revised reader-friendly layout with learning objectives and key points to make content easier to follow.

CONTENTS:

1. Introduction to Exotic and Laboratory Animal Medicine
2. Exotic and Research Animal Facilities
3. Birds
4. Reptiles
5. Amphibians and Fish
6. Rats and Mice
7. The Rabbit
8. The Guinea Pig
9. The Ferret
10. Gerbils and Hamsters
11. Other Species
12. Nonhuman Primates
13. Wildlife