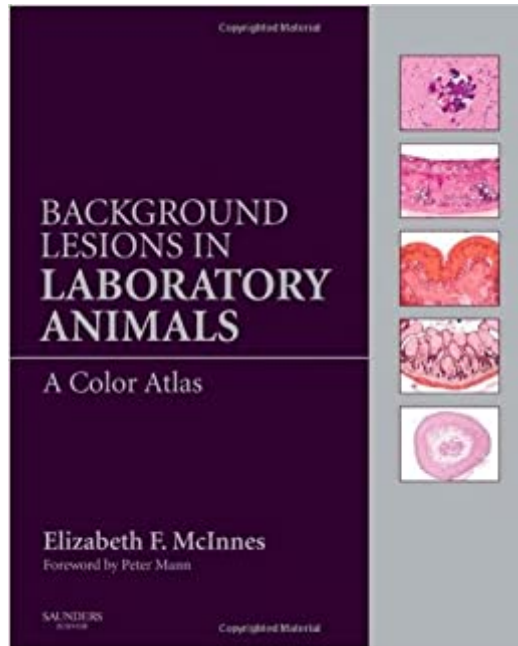




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# **Background Lesions In Laboratory Animals: A Color Atlas, 1e**



## Synopsis

Background Lesions in Laboratory Animals will be an invaluable aid to pathologists needing to recognize background and incidental lesions while examining slides taken from laboratory animals in acute and chronic toxicity studies, or while examining exotic species in a diagnostic laboratory. It gives clear descriptions and illustrations of the majority of background lesions likely to be encountered. Many of the lesions covered are unusual and can be mistaken for treatment-related findings in preclinical toxicity studies. The Atlas has been prepared with contributions from experienced toxicological pathologists who are specialists in each of the laboratory animal species covered and who have published extensively in these areas. over 600 high-definition, top-quality color photographs of background lesions found in rats, mice, dogs, minipigs, non-human primates, hamsters, guinea pigs and rabbits a separate chapter on lesions in the reproductive systems of all laboratory animals written by Dr Dianne Creasy, a world expert on testicular lesions in laboratory animals a chapter on common artifacts that may be observed in histological glass slides extensive references to each lesion described aging lesions encountered in all laboratory animal species, particularly in rats in mice which are used for carcinogenicity studies

## Book Information

Hardcover: 256 pages

Publisher: Saunders Ltd.; 1 edition (December 9, 2011)

Language: English

ISBN-10: 070203519X

ISBN-13: 978-0702035197

Product Dimensions: 0.5 x 9 x 11.5 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars 1 customer review

Best Sellers Rank: #1,639,276 in Books (See Top 100 in Books) #40 in [Books > Medical Books > Veterinary Medicine > Pathology](#) #282 in [Books > Textbooks > Medicine & Health Sciences > Veterinary Medicine > Small Animal](#) #534 in [Books > Medical Books > Veterinary Medicine > Small Animal Medicine](#)

## Customer Reviews

"This 256- volume, although slim, fills a very large hole in the current literature, one that is often encountered by a wide range of veterinary pathologists, from toxicological pathologists who work with laboratory species on a daily basis...It's not that you can't afford to buy this book; it's that you

can't afford not to buy this book." Davis Foundation Newsletter, November 2011 "To those working in toxicological and research pathology, it (is) likely to be used on an almost daily basis. In fact, given the large numbers of animal-based studies being carried out in universities and other research institutions, this atlas will also benefit those scientists who read their own histology...In summary, this is an excellent reference atlas and is likely to be a valuable tool for a wide range of pathologists."

Veterinary Record, February 2012 "This book will be an important contribution to the science of laboratory animal and toxicological pathology. It is a concise summary of lesions attributed to species, strains, age, sex etc., i.e. designated 'background lesions, seen in the primary animal species used in research laboratories'." Australian Veterinary Pathology Society, February 2012

"This concise volume fills a gaping void in the existing toxicologic pathology knowledge base that is regularly encountered by pathologists, toxicologists, regulatory scientists and basic researchers...This reference provides an excellent source for defining the potential relevance of 'normal abnormalities' when compiling pathology data sets...In summary, newcomers to the field will receive the most benefit, but seasoned veterans will also profit by rediscovering many seldom-seen acquaintances and gaining a wealth of citations for further honing their skills. Background Lesions in Laboratory Animals: A Color Atlas is a timely addition to the toxicologic pathology armamentarium, and it is destined to remain a boon companion for both apprentices and adepts for many years to come."

Toxicologic Pathology, February 2012 "This book prepared by experienced Toxicologic Pathologists will be a highly valuable aid for pathologists who should be familiar with incidental, spontaneous changes that are commonly observed as background lesions in laboratory animals."

Tox Path, January 2012 "The well referenced atlas is authored and edited by a group of seasoned toxicologic pathologists working in industry and academia. The content of this atlas is appropriate for both veterinary diagnostic and toxicologic pathologists, regardless of their level of experience."

Society of Toxicologic Pathology, May 2012 "That a book such as this has been such a long time coming is probably a good indication of the great effort involved in putting together a volume of this nature. In general one would be hard-pressed to come up with any background lesions that have not been included and it is also well-referenced...Overall one would have to say this is greatly overdue, and probably essential for all libraries."

BTSP Newsletter, May 2012 "This atlas is a compilation of background spontaneous findings in the most commonly used laboratory animal species, which is aimed at both trainee and experienced toxicological pathologists working with laboratory animals on a daily basis...The chapters are organised by organ system, with a final section for multi-systemic disease. Each page is laid out in three columns, with colour pictures illustrating most of the lesions described. The descriptions are concise, giving space for a large

number of full-colour images. the format of the pages, the narrative and quantity of images make this atlas a thin, handy book packed with useful information...I would strongly recommend this atlas to pathologists working in industry (especially for those in contract research organisations) and for pathologists in training preparing for the FRCPath in the specialty of laboratory animals or other board examinations. In summary, this book is a comprehensive reference of spontaneous lesions in laboratory animals that is well worth its price." Royal College of Pathologist, Summer 2012 "This book is aimed at pathologists at all stages of their training or career...The information is clearly and precisely set out in a format and is easy to read, with in-text referencing...this excellent book is an important contribution to lab animal and toxicological pathology. It is an essential reference for all pathologists who examine laboratory animal tissue for toxicology studies and will be an invaluable resource for diagnostic pathologists and trainees." Australian Veterinary Journal, November 2012 "This concise, full-color histopathologic atlas of background lesions in laboratory animals is a welcome newcomer in a period when so many invaluable laboratory animal pathology references are out of print and unavailable...with over 600 color images, the print and eBook versions are worthy investments at their publisher-listed prices...Overall, this high-quality atlas is concise, current and liberally illustrated. It will become an indispensable reference for trainees, pathologists, and scientists engaged in laboratory animal pathology." Veterinary Pathology, December 2012

This book covers subject material that is quite important to drug development scientists and those who model toxicity in animal studies. Background lesions can confound study interpretations, and I have found it useful in a few projects already. Given the high cost of this reference, though, I did expect more substance. The reference suffers two deficiencies that limit utility; perhaps these can be addressed in future editions. First, the illustrations are too small. Detail and perspective (surrounding tissue) are very important in morphology, and the small illustration size limits both. Second, more written perspective and interpretation based on published studies would be helpful in understanding what is known about the cause and incidence of such lesions, and where they may be exacerbated by xenobiotics. What's included is a good foundation but insufficient in detail. Despite these shortcomings, this is a useful though expensive reference.

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