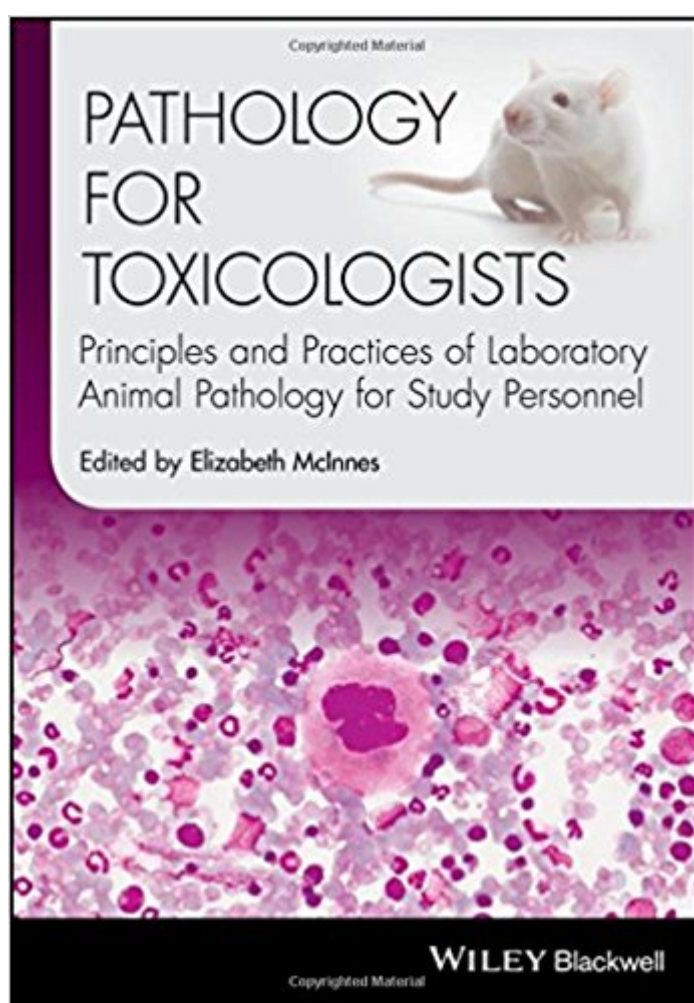


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Pathology For Toxicologists: Principles And Practices Of Laboratory Animal Pathology For Study Personnel



Synopsis

Non-pathologists, such as toxicologists and study personnel, can find it difficult to understand the data they receive from pathologists. Toxicological pathologists write long, detailed and highly technical reports. Study personnel are under daily pressure to decide whether lesions described in pathology reports are treatment-related and thus important to the pharmaceutical company or whether the lesions are background changes and thus of little significance. Written by experienced toxicological pathologists, *Pathology for Toxicologists: Principles and Practices of Laboratory Animal Pathology for Study Personnel* serves to bridge the gap in the understanding of pathology data, enabling non-pathologists to more easily comprehend pathology reports, better integrate pathology data into final study reports and ask pathologists relevant questions about the test compound. This succinct, fully referenced, full colour book is suitable for toxicologists at all stages of their training or career who want to know more about the pathology encountered in laboratory animals used in safety studies. Key features include important chapters on spontaneous and target organ lesions in rats, mice, non-human primates, mini pigs, rabbits and beagle dogs as well as information on general pathology, macroscopic target organ lesions, ancillary pathology techniques, haematology, biochemistry and adversity. *Pathology for Toxicologists: Principles and Practices of Laboratory Animal Pathology for Study Personnel* includes: Colour diagrams explaining how lesions are caused by either external compounds or spontaneously The anatomic variations and background lesions of laboratory animals Advice on sampling tissues, necropsy, ancillary pathology techniques and recording data A chapter on the haematology and biochemistry of laboratory animals Full colour photographs of common macroscopic lesions encountered in laboratory animals A comprehensive glossary

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Customer Reviews

"The book consists of 8 very easy-to-read chapters and highlights (as mentioned in the Preface), the uncertainties encountered by the pathologist when reading studies and shows why pathologists cannot always make up their minds. The book explains and endorses the fact that explanation of pathology findings in a toxicology study must involve pragmatic (as well as scientific) thinking. Each chapter ends with a good reference section and pages 184 to 186 contain a useful glossary...Overall, there is a lot of useful information packed into this book and it is definitely a suggested read for toxicologists and others involved in seeing pathology data, either as an introduction or a refresher." (Paul Baldrick, Regulatory Toxicology and Pharmacology June 2017)"[T]he standout comment for me is that I was expecting to know what was in the book, but the diversity and richness of the contents was something that both captured my imagination and summarised several of the internal thoughts that I've always held...Each chapter has learning objectives, setting out the upcoming topics. The text is illustrated with some beautiful, predominantly macroscopic photographs and the text is clear, concise and easily followed...This is a really good book...I have really enjoyed reading the text and it is something that I will certainly share with others." (Adam Hargreaves, British Society of Toxicological Pathology May 2017) --This text refers to the Hardcover edition.

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includes: Color diagrams explaining how lesions are caused An exploration of anatomic variations and background lesions in laboratory animals Advice on sampling tissues, necropsy, ancillary pathology techniques and recording data A chapter on the hematology and biochemistry of laboratory animals Full color photographs of common macroscopic lesions encountered in laboratory animals A complete glossary

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