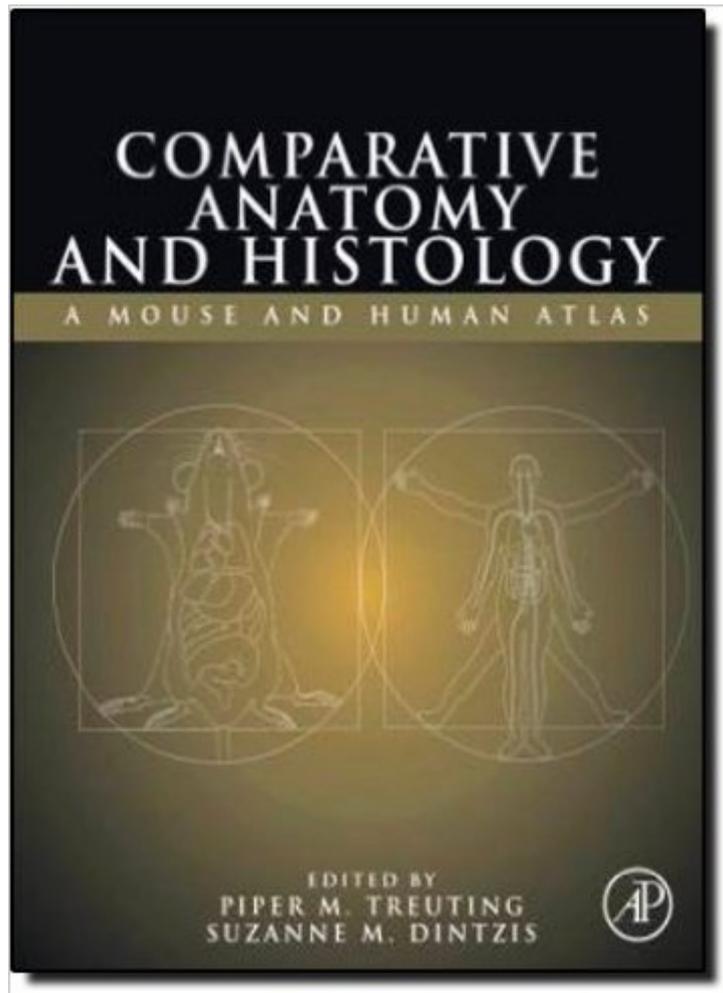


The book was found

Comparative Anatomy And Histology: A Mouse And Human Atlas (Expert Consult)



Synopsis

Comparative Anatomy and Histology: A Mouse and Human Atlas is aimed at the new mouse investigator as well as medical and veterinary pathologists who need to expand their knowledge base into comparative anatomy and histology. It guides the reader through normal mouse anatomy and histology using direct comparison to the human. The side by side comparison of mouse and human tissues highlight the unique biology of the mouse, which has great impact on the validation of mouse models of human disease. Offers the first comprehensive source for comparing human and mouse anatomy and histology through over 600 full-color images, in one reference work. Experts from both human and veterinary fields take readers through each organ system in a side-by-side comparative approach to anatomy and histology - human Netter anatomy images along with Netter-style mouse images. Enables human and veterinary pathologists to examine tissue samples with greater accuracy and confidence. Teaches biomedical researchers to examine the histologic changes in their mutant mice.

Book Information

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Customer Reviews

Working in a field where translational research is very important, I was excited about this book and had some expectations. I really liked the idea of having a book with great images to point my finger on and say: "Look, that's the difference!" So far I spend a few hours looking at/reading the book, and it satisfies me only in some aspects. First of all, the authors claim that the atlas "will introduce readers to many of the unique differences between mouse and human gross and histologic anatomy." But browsing, the histology images are rather dominant and the gross anatomy images

are mostly from netterimages.com (so, if you study or work in the respective field, you have probably seen them before. As these images have not been drawn just for this book, there is a marked difference in style. This makes it difficult to tell whether the less detailed information in the mouse images is due to real difference in structure or difference in display. Another problem I have with the images is the missing size indicator. The authors give this explanation: "The difference in sizes between mouse and human body, organs, and tissues makes it challenging to capture subgross and histologic images at the same magnification because this would result in poorly oriented and minuscule mouse images. Instead, we have optimized magnifications for ease of visualization, most often capturing mouse images at a higher magnification than human. There are notable exceptions where we have noted original magnifications or commented on the sizing differences. Micrometer bars are not included on the majority of images because they are distracting and irrelevant." I agree that the images have to be adjusted in size, but the last sentence is nonsense.

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