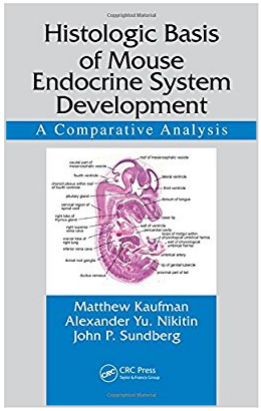

Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice)

By Matthew Kaufman, Alexander Yu. Nikitin, John P. Sundberg

Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) By Matthew Kaufman, Alexander Yu. Nikitin, John P. Sundberg

Transform Your Computer Monitor into a Virtual Microscope

The world's leading expert on mouse embryology, Dr. Matthew Kaufman is responsible for producing classic texts that are considered the most respected in the field. While the quality of their photowork at the time was considered state-of-the-art, the technology available when the books were produced limited the original printed pages to black-and-white photomicrographs and line diagrams, which are too small and not detailed enough to meet the requirements of today's mouse pathologists who demand high resolution, high detailed full color slides.

Meeting this need and going beyond, **Histologic Basis of Mouse Endocrine System Development:A Comparative Analysis** not only offers upgraded slides but actually turns your computer into a virtual microscope that researchers from just a few short years ago could have only dreamt about.

Working in conjunction with Dr. Nikitin and Dr. Sundberg, Dr. Kaufman has scanned the finest images from his previous collections and then using modern graphic technology has elevated the quality to levels not seen before. By installing the ImageScope™ software (Aperio Technologies, Inc.) and graphics from the accompanying DVD, readers will be able to turn their computers into virtual microscopes. Operating their computers like cutting-edge diagnostic tools, they can move the image from the glass microscope across the screen and enlarge areas of interest for more detailed evaluation. This tool allows them to look at specific organs or structures at various magnifications at different stages of embryogenesis, helping to identify structures in normal mouse embryos and providing a comparison for those embryos under investigation.

While the emphasis of this one-of-a-kind book is on comparative embryology of

the endocrine organs, the embryonic images at various developmental stages contain many other organs. It provides a series of representative figures that display the histological features of hematoxylin- and eosin-stained sections of the various endocrine organs at sequential stages of their development in the mouse.

Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice)

By Matthew Kaufman, Alexander Yu. Nikitin, John P. Sundberg

Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) By Matthew Kaufman, Alexander Yu. Nikitin, John P. Sundberg

Transform Your Computer Monitor into a Virtual Microscope

The world's leading expert on mouse embryology, Dr. Matthew Kaufman is responsible for producing classic texts that are considered the most respected in the field. While the quality of their photowork at the time was considered state-of-the-art, the technology available when the books were produced limited the original printed pages to black-and-white photomicrographs and line diagrams, which are too small and not detailed enough to meet the requirements of today's mouse pathologists who demand high resolution, high detailed full color slides.

Meeting this need and going beyond, **Histologic Basis of Mouse Endocrine System Development:A Comparative Analysis** not only offers upgraded slides but actually turns your computer into a virtual microscope that researchers from just a few short years ago could have only dreamt about.

Working in conjunction with Dr. Nikitin and Dr. Sundberg, Dr. Kaufman has scanned the finest images from his previous collections and then using modern graphic technology has elevated the quality to levels not seen before. By installing the ImageScope™ software (Aperio Technologies, Inc.) and graphics from the accompanying DVD, readers will be able to turn their computers into virtual microscopes. Operating their computers like cutting-edge diagnostic tools, they can move the image from the glass microscope across the screen and enlarge areas of interest for more detailed evaluation. This tool allows them to look at specific organs or structures at various magnifications at different stages of embryogenesis, helping to identify structures in normal mouse embryos and providing a comparison for those embryos under investigation.

While the emphasis of this one-of-a-kind book is on comparative embryology of the endocrine organs, the embryonic images at various developmental stages contain many other organs. It provides a series of representative figures that display the histological features of hematoxylin- and eosin-stained sections of the various endocrine organs at sequential stages of their development in the mouse.

Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) By Matthew Kaufman, Alexander Yu. Nikitin, John P. Sundberg Bibliography

- Sales Rank: #6641846 in Books
- Published on: 2009-10-15

- Original language: English
- Number of items: 1
- Dimensions: 10.00" h x 7.00" w x .50" l, 1.55 pounds
- Binding: Hardcover
- 240 pages

Editorial Review

Review

"…an excellent tool for the research lab and demonstrates the ability to enhance and utilize hematoxylin and eosin-stained (H&E) , sections of mouth embryogenesis from Dr. Kaufman's original research and improve through modern technology to further augment their usefulness. The ability of the reader to use his computer as a virtual microscope to enlarge, move, and investigate areas of interest on the specially digitized H&E slides of normal mouse embryogenesis on the accompanying DVD allow the researcher to analyze and compare endocrine development across species in addition to the well-labeled photomicrographs in the text itself and comparative dialogue. The advanced technology of enhancing key histological specimens lends excitement to this and other future textbooks."
?Sandra L. Jex, DVM, in *ALNMAG*, April 2011,

"*Histologic Basis of Mouse Endocrine System Development* nicely complements Kaufman's previous volumes on mouse development. It is an excellent reference for investigators specializing in the fields of embryology and endocrinology. It is also a useful reference for illustrating what is normal in tissues of variously aged mouse embryos. Therefore, it is useful for pathologists and other investigators wanting to evaluate histologic sections of mouse embryos for other purposes as well."
?*Journal of the American Association for Laboratory Animal Science*, January 2011

About the Author

Matthew Kaufman, University of Edinburgh, Scotland

Alexander Yu. Nikitin, Cornell University, Ithaca, New York, USA

John P. Sundberg, The Jackson Laboratory, Bar Harbor, Maine, USA

Users Review

From reader reviews:

Jessica Keith:

Here thing why this kind of Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) are different and trusted to be yours. First of all looking at a book is good but it depends in the content from it which is the content is as tasty as food or not. Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) giving you information deeper and different ways, you can find any publication out there but there is no reserve that similar with Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice). It gives you thrill examining journey, its open up your personal eyes about the thing in which happened in the world which is might be can be happened around you. You can actually bring everywhere like in area, café, or even in your method home by train. When you

are having difficulties in bringing the printed book maybe the form of Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) in e-book can be your alternate.

Gina Dana:

People live in this new day time of lifestyle always try and and must have the spare time or they will get lots of stress from both everyday life and work. So , whenever we ask do people have free time, we will say absolutely without a doubt. People is human not just a robot. Then we ask again, what kind of activity are you experiencing when the spare time coming to you of course your answer will unlimited right. Then ever try this one, reading publications. It can be your alternative in spending your spare time, the particular book you have read is definitely Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice).

Lea Wheeler:

A lot of e-book has printed but it differs from the others. You can get it by net on social media. You can choose the top book for you, science, comedian, novel, or whatever by means of searching from it. It is known as of book Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice). You can contribute your knowledge by it. Without making the printed book, it might add your knowledge and make an individual happier to read. It is most critical that, you must aware about guide. It can bring you from one destination for a other place.

George Hughes:

Some individuals said that they feel weary when they reading a book. They are directly felt the item when they get a half elements of the book. You can choose the actual book Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) to make your own personal reading is interesting. Your skill of reading talent is developing when you just like reading. Try to choose straightforward book to make you enjoy to learn it and mingle the impression about book and looking at especially. It is to be initially opinion for you to like to open a book and read it. Beside that the book Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) can to be your friend when you're truly feel alone and confuse in what must you're doing of their time.

Read Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) By Matthew Kaufman, Alexander Yu. Nikitin, John P. Sundberg for online ebook

Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) By Matthew Kaufman, Alexander Yu. Nikitin, John P. Sundberg Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) By Matthew Kaufman, Alexander Yu. Nikitin, John P. Sundberg books to read online.

Online Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) By Matthew Kaufman, Alexander Yu. Nikitin, John P. Sundberg ebook PDF download

Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) By Matthew Kaufman, Alexander Yu. Nikitin, John P. Sundberg Doc

Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) By Matthew Kaufman, Alexander Yu. Nikitin, John P. Sundberg Mobipocket

Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) By Matthew Kaufman, Alexander Yu. Nikitin, John P. Sundberg EPub

LOMGJ2NUZ8E: Histologic Basis of Mouse Endocrine System Development: A Comparative Analysis (Research Methods For Mutant Mice) By Matthew Kaufman, Alexander Yu. Nikitin, John P. Sundberg