

The Atlas of Mouse Development

By Matthew H. Kaufman

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The Atlas of Mouse Development By Matthew H. Kaufman

Not since the early 1970s has there been an attempt to describe and illustrate the anatomy of the developing mouse embryo. More than ever such material is needed by biologists as they begin to unravel the molecular mechanisms underlying development and differentiation. After more than ten years of painstaking work, Matt Kaufman has completed **The Atlas of Mouse Development**--the definitive account of mouse embryology and development. For all those researching or studying mammalian development, The Atlas of Mouse Development will be the standard reference work for many years to come.

- Provides a comprehensive sequential account of the development of the mouse from pre-implantation to term
- Contains clear and concise descriptions of the anatomical features relevant to each stage of development
- Large format for easy use
- Contains explanatory notes and legends, and more than 180 meticulously labeled plates, 1,300 photographs of individual histological sections, and 200 electron micrographs, illustrating:
  - Intermittent serial histological sections through embryos throughout embryogenesis and organogenesis
  - Differentiation of specific organs and organ systems, including the spinal cord, eyes, gonads, kidneys, lungs and skeletal system
  - External appearance of intact embryos throughout development

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The Atlas of Mouse Development By Matthew H. Kaufman Bibliography

- Sales Rank: #1468575 in Books
- Published on: 1992-09-15
- Original language: English
- Number of items: 1
- Dimensions: 11.80" h x 1.50" w x 8.50" l, 4.90 pounds
- Binding: Hardcover
- 512 pages

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Editorial Review

From the Back Cover
Not since the early 1970s has there been an attempt to describe and illustrate the anatomy of the developing mouse embryo. More than ever such material is needed by biologists as they begin to unravel the molecular mechanisms underlying development and differentiation. After over ten years of painstaking work, Matt Kaufman has completed **The Atlas of Mouse DevelopmentInterspersed throughout the text, over 180 plates of photographs and electron micrographs provide a comprehensive historical study of the development of the mouse from pre-implantation to term. Accompanied by explanatory notes and legends, these meticulously labelled plates illustrate:**
*** Serial histological sections through embryos throughout embryogenesis and organogenesis**
*** The differentiation of specific organs and organ systems, including the spinal cord, gonads, kidneys, lungs and skeletal system**
*** The external appearance of intact embryos throughout development**
Associated with each plate section is a clear and concise description of the anatomical features which are relevant to each stage of mouse development.
For all those researching or studying mammalian development, The Atlas of Mouse Development will be **the** standard reference work for many years to come.

Users Review

From reader reviews:

Roger Lindsey:

Nowadays reading books be than want or need but also work as a life style. This reading habit give you lot of advantages. The benefits you got of course the knowledge the rest of the information inside the book in which improve your knowledge and information. The details you get based on what kind of guide you read, if you want drive more knowledge just go with schooling books but if you want sense happy read one with theme for entertaining including comic or novel. Often the The Atlas of Mouse Development is kind of reserve which is giving the reader capricious experience.

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