



# 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

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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 Development** Interspersed 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:**

##### **Marvin Perdue:**

Book is to be different per grade. Book for children right up until adult are different content. As it is known to us that book is very important for people. The book **The Atlas of Mouse Development** was making you to know about other expertise and of course you can take more information. It is extremely advantages for you. The publication **The Atlas of Mouse Development** is not only giving you much more new information but also to become your friend when you truly feel bored. You can spend your personal spend time to read your book. Try to make relationship together with the book **The Atlas of Mouse Development**. You never experience lose out for everything when you read some books.

##### **Steven Cruce:**

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**Alberta Keyes:**

A lot of people always spent their own free time to vacation or go to the outside with them loved ones or their friend. Do you know? Many a lot of people spent they will free time just watching TV, or even playing video games all day long. In order to try to find a new activity that's look different you can read a book. It is really fun in your case. If you enjoy the book which you read you can spent all day long to reading a reserve. The book The Atlas of Mouse Development it is quite good to read. There are a lot of people that recommended this book. They were enjoying reading this book. Should you did not have enough space to bring this book you can buy the particular e-book. You can m0ore quickly to read this book from a smart phone. The price is not to fund but this book possesses high quality.

**Bradley Bishop:**

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