



# The Zebrafish

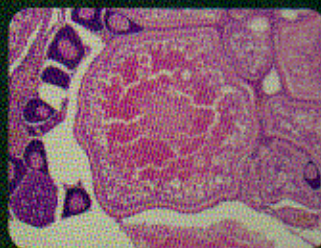
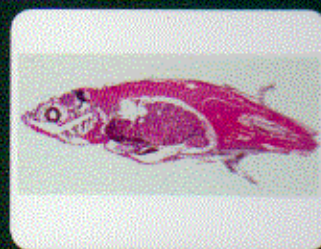
The zebrafish (*Danio rerio*) is a valuable and common model for researchers working in the fields of genetics, oncology, and developmental sciences. This full-color atlas will aid experimental design and interpretation in these areas by providing a fundamental understanding of zebrafish anatomy.

Over 150 photomicrographs are included and can be used for direct comparison with histological slides, allowing quick and accurate identification of the anatomic structures of interest. Hematoxylin and eosin-stained longitudinal and transverse sections demonstrate gross anatomic relationships and illustrate the microscopic anatomy of major organs. Unlike much of the current literature, this book is focused exclusively on the zebrafish, eliminating the need for researchers to exclude structures that are only found in other fishes.

**JOSEPH A. HOLDEN** was a member of the Department of Pathology at the University of Utah School of Medicine. His most recent interests have included the development of a zebrafish model for c-kit and malignant melanoma as well as a zebrafish model for BRAF and carcinoma of the thyroid.

**LESTER L. LAYFIELD** is currently Head of Surgical Pathology at the University of Utah. His academic interests include fine-needle aspiration cytopathology as well as molecular diagnostic techniques for diagnosis and prognostication in a variety of malignancies. He is currently involved with developing a zebrafish model for BRAF mutations.

**JENNIFER L. MATTHEWS** works at the Zebrafish International Resource Center at the University of Oregon. She has extensive experience working with these animals and is an active member of the zebrafish community.



Cover illustration: *Danio rerio*. Original image © shutterstock.com.

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