

*Рецензії, відгуки, презентації*  
*Reviews, comments, presentations*

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**Histology: A Text and Atlas: With Correlated Cell and Molecular Biology**  
**Eighth Edition**

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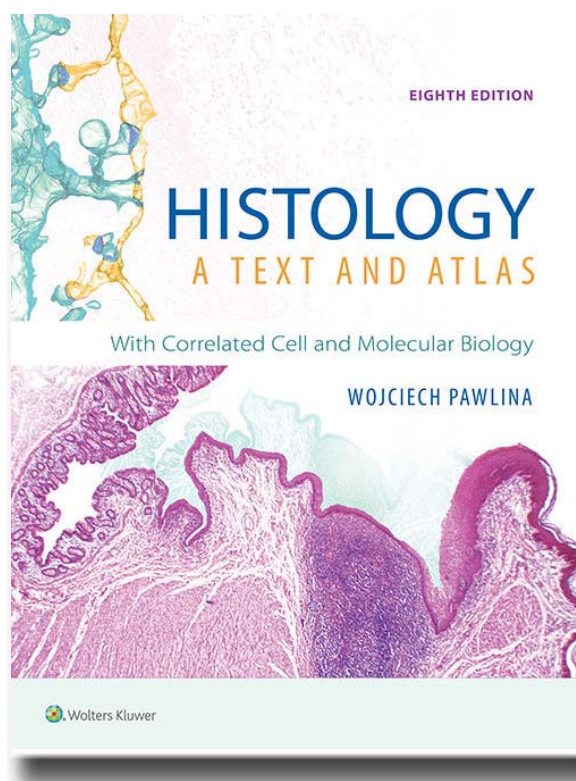
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Combining a reader-friendly textbook and a rich, full-color atlas, this bestselling resource equips medical, dental, health professions, and undergraduate biology and cell biology students with a comprehensive grasp of the clinical and functional correlates of histology and a vivid understanding of the structural and functional details of cells, tissues, and organs.

Updated content throughout the text reflects the latest advances in cellular and molecular biology, accompanied by large, high-resolution illustrations and full-color photomicrographs that clarify microanatomy in vibrant detail. Ideal for integrated curriculums as well as standalone histology courses, this proven approach is accompanied by popular pedagogical features that distill complex information and help students save time.

- “Two-in-one” approach supplements clearly written chapters with dynamic atlas illustrations to enhance understanding at the point of learning.
  - Updated content equips students with the most current, clinically relevant understanding of cellular and molecular biology.
  - 435 high-resolution, full-color digital photomicrographs across more than 100 atlas plates clarify key structures.
- Updated full-color illustrations and clinical images refine students’ understanding of microanatomy and cell and molecular biology in rich detail.
  - Updated *Histology* “101” *Notebook* reviews summarize chapter content in a concise, notebook-style format preferred by students.
  - Color-coded text highlights key terms and clinical information for fast, efficient reference.
  - Boxed “Folders” familiarize students with conditions they may encounter on rotations during clerkship.
  - Tables and bulleted text give quick access to staining techniques and other essential chapter details.

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#### SEMINIFEROUS TUBULES

- Cycle of the Seminiferous Epithelium
- Waves of the Seminiferous Epithelium
- Sertoli Cells

#### INTRATESTICULAR DUCTS

#### EXCURRENT DUCT SYSTEM

- Epididymis
- Ductus Deferens

#### ACCESSORY SEX GLANDS

#### PROSTATE GLAND

- Bulbourethral Glands

#### SEMEN

#### PENIS

Folder 22.1 Functional Considerations: Hormonal Regulation of Spermatogenesis

Folder 22.2 Clinical Correlation: Factors Affecting Spermatogenesis

Folder 22.3 Clinical Correlation: Sperm-Specific Antigens and the Immune Response

Folder 22.4 Clinical Correlation: Benign Prostatic Hypertrophy and Cancer of the Prostate

Folder 22.5 Clinical Correlation: Mechanism of Erection and Erectile Dysfunction

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Atlas Plates

- PLATE 86 Testis I
- PLATE 87 Testis II
- PLATE 88 Efferent Ductules and Epididymis
- PLATE 89 Spermatic Cord and Ductus Deferens
- PLATE 90 Prostate Gland
- PLATE 91 Seminal Vesicle

## 23 Female Reproductive System

### OVERVIEW OF THE FEMALE REPRODUCTIVE SYSTEM

#### OVARY

- Ovarian Structure
- Follicle Development
- Ovulation
- Corpus Luteum
- Capacitation and Fertilization
- Atresia
- Blood Supply and Lymphatics
- Innervation

#### UTERINE TUBES

#### UTERUS

- Cyclic Changes during the Menstrual Cycle
- Implantation
- Cervix

#### PLACENTA

#### VAGINA

#### EXTERNAL GENITALIA

#### MAMMARY GLANDS

Hormonal Regulation of the Mammary Gland  
Involution of the Mammary Gland  
Blood Supply and Lymphatics  
Innervation

- Folder 23.1 Clinical Correlation: Polycystic Ovary Disease
- Folder 23.2 Clinical Correlation: In Vitro Fertilization
- Folder 23.3 Functional Considerations: Summary of Hormonal Regulation of the Ovarian Cycle
- Folder 23.4 Clinical Correlation: The Placenta
- Folder 23.5 Clinical Correlation: Cervical Cytology: The Pap Test
- Folder 23.6 Clinical Correlation: Cervical Cancer and Human Papillomavirus Infections
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- PLATE 93 Ovary II
- PLATE 94 Corpus Luteum
- PLATE 95 Uterine Tube
- PLATE 96 Uterus I
- PLATE 97 Uterus II
- PLATE 98 Cervix
- PLATE 99 Placenta I
- PLATE 100 Placenta II
- PLATE 101 Vagina
- PLATE 102 Mammary Gland Inactive Stage
- PLATE 103 Mammary Gland, Late Proliferative and Lactating Stages

## 24 Eye

### OVERVIEW OF THE EYE

#### GENERAL STRUCTURE OF THE EYE

- Layers of the Eye
- Chambers of the Eye
- Development of the Eye

#### MICROSCOPIC STRUCTURE OF THE EYE

- Corneoscleral Coat
- Vascular Coat (Uvea)
- Retina
  - Layers of the Retina
  - Specialized Regions of the Retina
  - Vessels of the Retina
- Crystalline Lens
- Vitreous Body

#### ACCESSORY STRUCTURES OF THE EYE

- Folder 24.1 Clinical Correlation: Glaucoma
- Folder 24.2 Clinical Correlation: Retinal Detachment
- Folder 24.3 Clinical Correlation: Age-Related Macular Degeneration
- Folder 24.4 Clinical Correlation: Clinical Imaging of the Retina
- Folder 24.5 Clinical Correlation: Color Blindness
- Folder 24.6 Clinical Correlation: Conjunctivitis

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##### Atlas Plates

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- PLATE 105 Eye II: Retina
- PLATE 106 Eye III: Anterior Segment
- PLATE 107 Eye IV: Sclera, Cornea, and Lens

## 25 Ear

### OVERVIEW OF THE EAR

#### EXTERNAL EAR

#### MIDDLE EAR

#### INTERNAL EAR

- Structures of the Bony Labyrinth
- Structures of the Membranous Labyrinth
  - Sensory Cells of the Membranous Labyrinth
  - Sensory Receptors of the Membranous Labyrinth
- Sound Perception
- Innervation of the Internal Ear
- Blood Vessels of the Membranous Labyrinth

- Folder 25.1 Clinical Correlation: Otosclerosis
- Folder 25.2 Clinical Correlation: Hearing Loss—Vestibular Dysfunction
- Folder 25.3 Clinical Correlation: Vertigo

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