

1. Record Nr.	UNINA9910972466703321
Autore	Zhang Shu-xin
Titolo	An Atlas of Histology // by Shu-Xin Zhang
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 1999
ISBN	0-387-21760-6
Edizione	[1st ed. 1999.]
Descrizione fisica	1 online resource (XIX, 426 pages) : 393 illustrations
Disciplina	611/.018
Soggetti	Anatomy Cytology Human physiology Cell Biology Human Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Epithelial Tissue -- 2. Connective Tissue -- 3. Cartilage and Bone -- 4. Blood Cells and Hemopoietic Cells -- 5. Muscular Tissue -- 6. Nervous Tissue and Nervous System -- 7. Circulatory System -- 8. Lymphatic Organs -- 9. Respiratory System -- 10. Digestive System -- 11. Urinary System -- 12. Male Reproductive System -- 13. Female Reproductive System -- 14. Endocrine Organs -- 15. The Integument -- 16. The Eye -- 17. The Ear -- References.
Sommario/riassunto	The beginning student of histology is frequently confronted by a paradox: diagrams in many books that illustrate human microanatomy in a simplified, cartoon-like manner are easy to understand, but are difficult to relate to actual tissue specimens or photographs. In turn, photographs often fail to show some important features of a given tissue, because no individual specimen can show all of the tissue's salient features equally well. This atlas, filled with photo-realistic drawings, was prepared to help bridge the gap between the simplicity of diagrams and the more complex reality of microstructure. All of the figures in this atlas were drawn from histological preparations used by students in my histology classes, at the level of light microscopy. Each drawing is not simply a depiction of an individual histological section, but is also a synthesis of the key structures and features seen

in many preparations of similar tissues or organs. The illustrations are representative of the typical features of each tissue and organ. The atlas serves as a compendium of the basic morphological characteristics of human tissue which students should be able to recognize.

---