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Preferred Online Game-Based Study Tool Self-Selected by Students to Review Medical Histology Image Content.

Sommario/riassunto

This book highlights the integration of science and imaging and demonstrates how we can teach and learn in a much more accessible, innovative, and engaging way using technology. This volume is particularly focused on three main themes: advanced microscopy, anatomy education, and radiology visualisation related to patient care. The chapters pertaining to advanced microscopy convey complex biomedical information by visual means. These chapters provide both an overview on the principles of microscopy and specific applications of microscopy that have led to groundbreaking discoveries. Chapters pertaining to education summarise the recent trends in teaching gross and microscopic anatomy and emphasise the creation and use of novel tools to support student learning. Lastly, the radiological visualisation segment dives into the history of radiographic imaging and highlights the profound effect technology has had on improving patient outcomes. This volume will be of particular interest to many; the scope of this book encompasses medicine, dentistry, allied health professions, biomedical sciences, anatomy and histology education, radiology, and microscopy. Students, researchers, educators, and clinicians will learn something new, be stimulated to ask innovative questions, and be inspired to continue the technological advancements pushing science forward. .