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# HISTO!: A PATHOLOGY TRAINING APP FOR MEDICAL STUDENTS

## HEALTHCARE IT

Software application that provides interactive resources to medical and dental students for learning and testing human histology.

### TECHNOLOGY TYPE

Software  
App  
Education Technology  
Curriculum  
Histology  
Anatomy  
Photomicrography  
Creative Works

### STAGE OF DEVELOPMENT

- Beta app available for iPad and iPhone.

- Optimization of user interface and development for other platforms still required.

### IP PROTECTION

#### Copyrights Registered

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### LEARN MORE

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### TECHNOLOGY SUMMARY

Histology, the study of microscopic anatomy, is a cornerstone of basic medical curricula and a common first-year course. Medical and dental histology students often use outdated studying resources with grainy images and minimal detail.

Histo!, an interactive human histology app, offers instruction in biochemistry, physiology, and pathology. It contains 440 photomicrographs that illustrate 1,964 identifications, each with a detailed description. Approximately two-thirds of the identifications involve naming structures, while the rest focus on functions, diseases, and molecular components. The app includes two modes for self-testing mastery.

### FEATURES AND BENEFITS

- Provides 440 high-resolution, microscopic images of biological structures, with explanations for each.
- Includes two self-assessment modes: quiz mode for rapid review and test mode for in-depth responses and scoring.
- Allows users to mark specific items for later review.
- Focuses on identification of cells, tissues, and organs, while including a wide range of learning material related to biochemistry, physiology, and pathology.

### INVENTOR PROFILE

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