

Histology

Histology (compound of the Greek words: ἵστός histos “tissue”, and -λογία -logia “science”) is the study of the microscopic anatomy of cells and tissues of plants and animals. It is commonly performed by examining cells and tissues by sectioning and [staining](#), followed by examination under a light microscope or [electron microscope](#).

Histological study

Histological studies may be conducted via tissue culture, where live cells can be isolated and maintained in a proper environment outside the body for various research projects. The ability to visualize or differentially identify microscopic structures is frequently enhanced through the use of histological stains. Histology is an essential tool of biology and medicine.

[Pathology](#)

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