

Introduction to histology.

Microscopy can be used to scan cells. We can use light microscopy, scanning electron microscopy and transmission electron microscopy. If microscopy is not clear, staining techniques may be used.

Common stains that are used include:

haematoxylin, eosin, periodic acid Schiff and alcian blue.

Tissues are made up of cells which are embedded in plasma.

There are five types of tissue:

- Epithelium –sheets of cells
- Connective tissue -supports other tissues
- Blood – blood cells or plasma
- Muscle – contractile tissue
- Neural tissue –found in the CNS