Normal Lung Tissue (25X)

- Blood Vessels
- Large Airway (Broncus)
- Transition from large airway to small airways
- Small Airways (alveoli)
Influenza infected lung Tissue (25X)

- Small Airways congested with inflammation
- Large Airways filled with dead epithelial cells and immune cells
Normal Lung tissue (200X)

- Large Airway
- Blood vessel
- Small Airways (Alveoli)
- Blood Vessels
Influenza Infected Lung Tissue (200X)

- Dead cells and debris within airways
- Inflammation around blood vessels
- Inflammation in small airways
TB Infected Lung Tissue (25X)

Granuloma (group of immune cells attempting to contain the infection)
TB Infected Lung Tissue (100X and 400X)

Granuloma: Large areas of immune cells (Darker blue) surrounding bacteria (red)

Intra-cellular bacteria (red) surviving within Macrophages
Confocal Imaging of Lung Tissue

Projection through many thin sections of lung tissue (green) and cells (red)
Maximum Projection of all sections

Alveolar macrophages (red) within small airways (green)