



Lecture title: Pigmentation

**Lecturer Affiliation: University of Mosul / College of Veterinary Medicine /
Department of Pathology and Poultry Diseases/
Assistant lecturer Atheer Nabeel Taha**

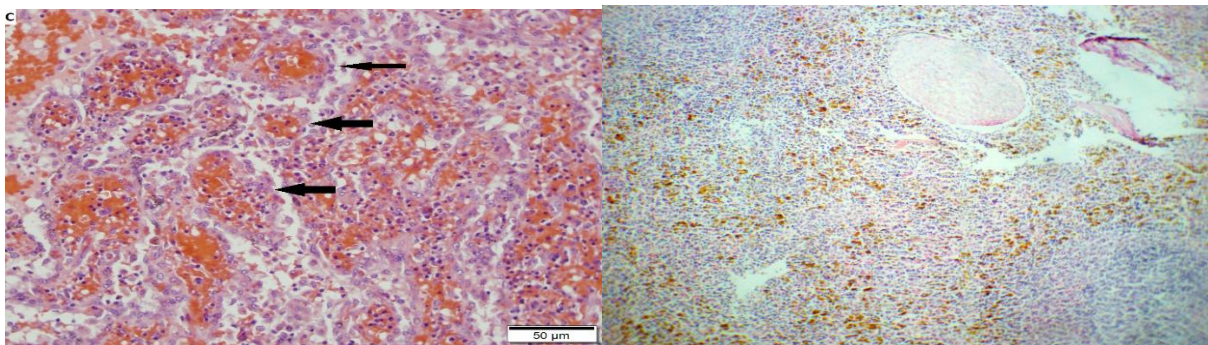
Diagnosis: Hemosiderin pigment

Organ: Spleen.

Stain: H&E

Lesion:

1. Presence of brassy granules (brawny-yellowish color) in different sizes in the splenic tissue (intracellular pigment).
2. These granules represent hemosiderin pigment inside the phagocytes



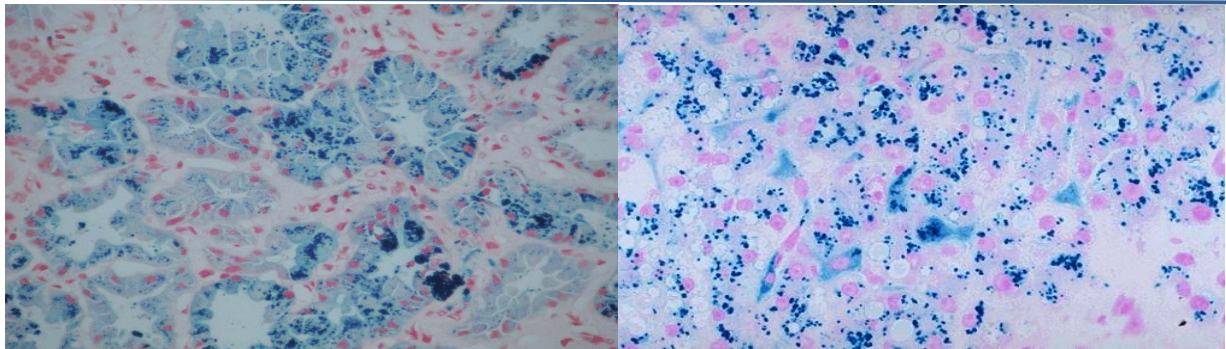
Diagnosis: Hemosiderin pigment

Organ: spleen

Stain: Prussian blue reaction

Lesion:

Hemosiderin granules in the splenic tissue appear blue in color.



Diagnosis: Melanin pigment.

Organ: Skin.

Lesion:

Enlargement of melanoblast by large quantity of melanin pigment, which is brownish-black in color.

