

## **Lab 9 Dissection Steps:**

- Identify muscles of the **Iliocostalis system** (2 parts: ***lumborum*** and **thoracis**)
  - Transect and reflect the thoracolumbar fascia; remove excess fascia and fat to expose the underlying muscles.
  - Identify ***iliocostalis lumborum m.*** (*fused to longissimus lumborum mm.*)
  - Identify **iliocostalis thoracis m.**
  
- Identify muscles of the **Longissimus system** (3 parts: **thoracis et lumborum**, **cervicis**, and **capitis**)
  - Identify **longissimus thoracis et lumborum**, **longissimus cervicis**, and **longissimus capitis**
  
- Identify muscles of the **Transversospinalis system** (2 major parts: **splenius** and **semispinalis capitis**)
  - Identify the **splenius m.**
    - Transect splenius 2cm caudal to its insertion and reflect the main part of the muscle dorsally
  - Identify the **semispinalis capitis m.** and differentiate its 2 parts.
    - Identify ***biventer cervicis m.***
    - Identify ***complexus m.***
    - In the dog, separate these muscles to view the **nuchal ligament** (no nuchal ligament in the cat)
  
- Incise the skin on the **RIGHT** side of cadaver and reflect it dorsally (similar to what was done on the left side).
  
- Use **blunt dissection (spreading technique with small scissors works best)** to identify the remaining structures on the **RIGHT** side of the cadaver for this lab.
  
- Identify the **second cervical spinal nerve (ventral branch)**
  - Identify the **great auricular n.** and trace it toward the base of the ear
  - Attempt to identify the ***transverse cervical n.***
  
- Identify the **external jugular vein**
  
- Identify the **mandibular lymph nodes**
  
- Transect the external jugular at its approximate middle if not already cut
  
- Identify the borders of the sternocephalicus m. on the right side and transect it 2-3cm from its origin; reflect it craniodorsally.
  
- Identify the cleidocephalicus m. and transect it 1cm cranial to the clavicular intersection; reflect the parts toward their insertions.
  
- Identify the **superficial cervical lymph nodes**

- ❑ Dissect between the trapezius and the cleidocephalicus and identify the **accessory (eleventh) cranial nerve**.
- ❑ Dissect underneath the omotransversarius m. and attempt to identify the ***ventral branches of the third, fourth and fifth cervical spinal nerves***
- ❑ Identify the **vagosympathetic nerve trunk**
- ❑ Attempt to identify the ***medial retropharyngeal lymph node***