

CNS-Histology

Archive

Lecture 1

Spinal Cord

1. Which of the following is correct regarding muscle spindle:

- A- Large multipolar cells and small multipolar cells of alpha and gamma efferent supply extrafusal and intrafusal fibers respectively
- B- Large multipolar cells and small multipolar cells of alpha and gamma efferent supply intrafusal and extrafusal respectively
- C- Large and medium multipolar cells of alpha and gamma supply intrafusal and extrafusal respectively
- D- Large and medium multipolar cells of alpha and gamma supply extrafusal and intrafusal respectively

Answer A

2- contains motor cells that give rise to preganglionic autonomic fibers?

- A- Anterior Horn of the Cord
- B- Lateral Horn of the Cord
- C- posterior Horn of the cord

Answer B

3. As per grey matter, one of the following is correct:

- A. It contains myelinated axons, few unmyelinated axons and neuroglia.
- B. It contains bodies of nerve cells, dendrites, myelinated axons and neuroglia.
- C. It contains bodies of nerve cells, dendrites, unmyelinated axons and neuroglia.
- D. It is a group of nerve fibers, ascending and descending ones.
- E. It is a group of axons which arise from the same origin and terminate at the same site.

Answer: C. It contains bodies of nerve cells, dendrites, unmyelinated axons and neuroglia.

4. As per pia matter, one of the following is correct:

- A. It is in a direct contact with the neural tissue.
- B. Alone, it forms a physical barrier separating CNS tissue from CSF.
- C. It is the outermost meninx.
- D. It is separated from the neural tissue by astrocytic processes.
- E. It is a sheet of connective tissue in contact with the dura matter.

Answer: D. It is separated from the neural tissue by astrocytic processes.

5. In the spinal cord, motor neuron cell bodies are located in:

- A. Lamina I B. Lamina II C. Lamina V D. Lamina IX E. Lamina X

Answer: D. Lamina IX

الأسئلة التالية هي أرشيف سابق وهي لا تتعلق بشكل مباشر مع المحاضرات السنة الحالية

1. Aligns along axons and provide insulating layers of myelin in the brain and spinal cord:

- A. Microglia.
- B. Astrocytes.
- C. Ependymal cells.
- D. Oligodendrocytes.
- E. Schwann cells.

Answer: D. oligodendrocytes.

2. Are multipolar and conduct impulses out of the brain or spinal cord:

- A. Motor neurons.
- B. Sensory neurons.
- C. Interneurons.
- D. Microglia.
- E. Neuroglial cells.

Answer: A. Motor neurons.

