Nervous System

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| **Across**  **1.** Originate from brain stem. 12 pairs that control functions in the head and neck  **4.** Produces CSF  **11.** Intermediate layer. Characterized by spider web arrangement of collagen fibers.  **13.** Produce myelin in the PNS  **14.** Carry information TO the brain and spinal cord | **Down**  **2.** Composed of thalamus and hypothalamus  **3.** Production of myelin  **5.** Carry information AWAY from brain and spinal cord to muscles  **6.** similar to astrocytes. Function in structural support, absorb excess ions, and toxins  **7.** Originate from the spine. 31 pairs that carry impulses to and from spine  **8.** Outermost layer of the meninges surrounding and protecting the brain/spinal cord  **9.** Phagocytosis of pathogens and debris in the brain  **10.** Maintenance of the blood brain barrier.  **12.** Innermost layer. Direct contact with spinal cord. Relatively tight bond. |