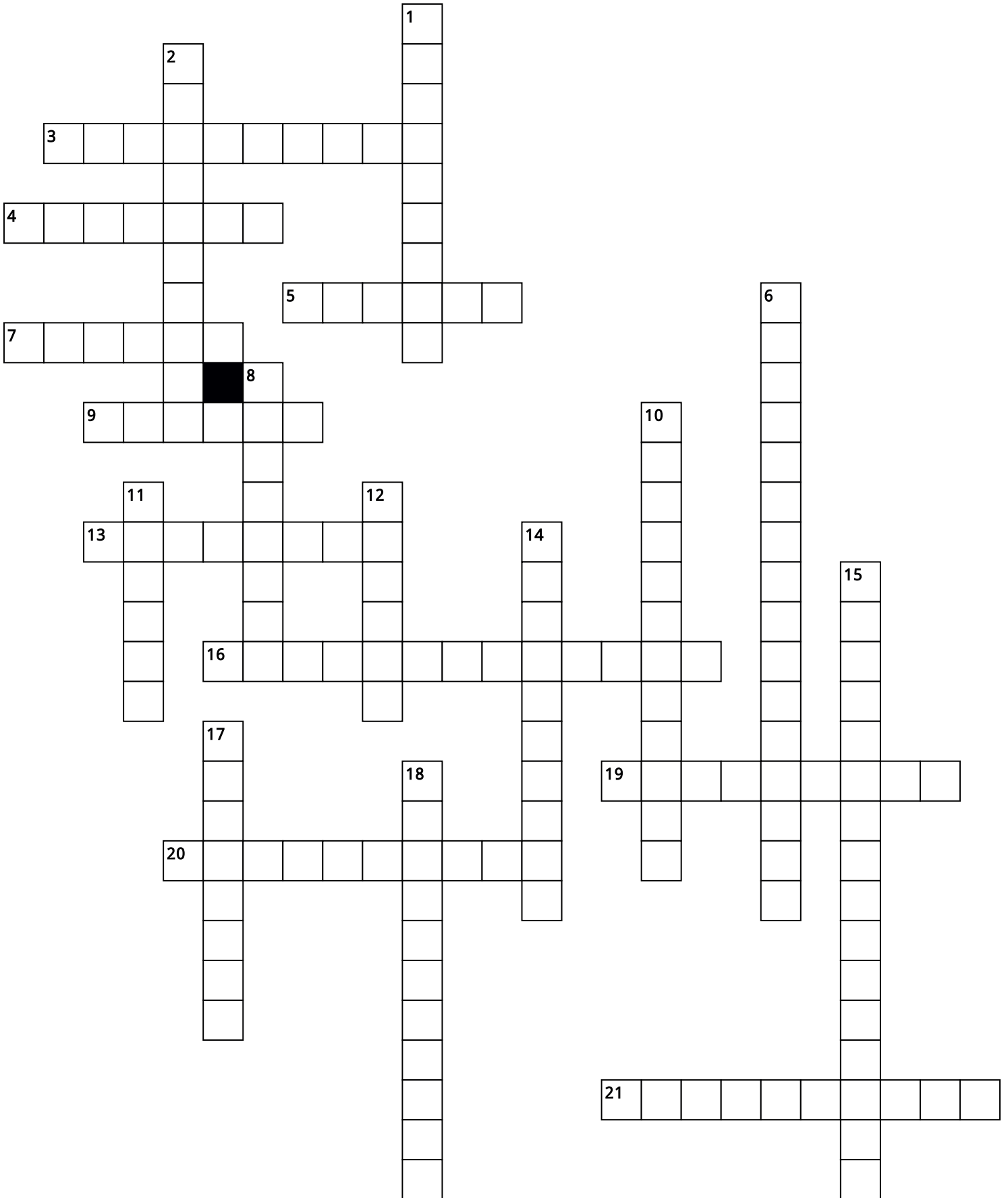


# Muscular System



### Across

- 3. Connective tissue around individual muscle fibers (around individual muscle fibers within the fascicle)
- 4. A muscle that directly produces a desired movement (performs the movement)
- 5. Peri-
- 7. Endo-
- 9. further away from the trunk
- 13. Toward the trunk or near the point of origin
- 16. Junction where motor neuron axon meets muscle fibers
- 19. Distal moveable end of a muscle
- 20. Connective tissue around a bundle of muscle fibers (between muscle fibers)
- 21. Directly opposes the movement of the agonist muscle

### Down

- 1. Dense CT sheet covering a whole muscle; delineates muscle from each other and other adjacent tissues (muscle definition and separation)
- 2. Tiny parallel fibers that are multi nucleated
- 6. Composed of actin and myosin; hundreds run together lengthwise to form a muscle fiber
- 8. Small bundles of skeletal muscle fibers within a specific muscle
- 10. contains bundles of proteins (myosin and actin)
- 11. Fixed proximal end of a muscle
- 12. Closes (angulates a joint)
- 14. Thin, translucent membrane that surrounds each myofibril and is the location of nervous system interaction that allows for contraction and relaxation
- 15. Actin and myosin; contractile proteins that contribute to muscle contraction
- 17. Opens (straightens a joint)
- 18. Individual muscle cell (has a threadlike appearance)