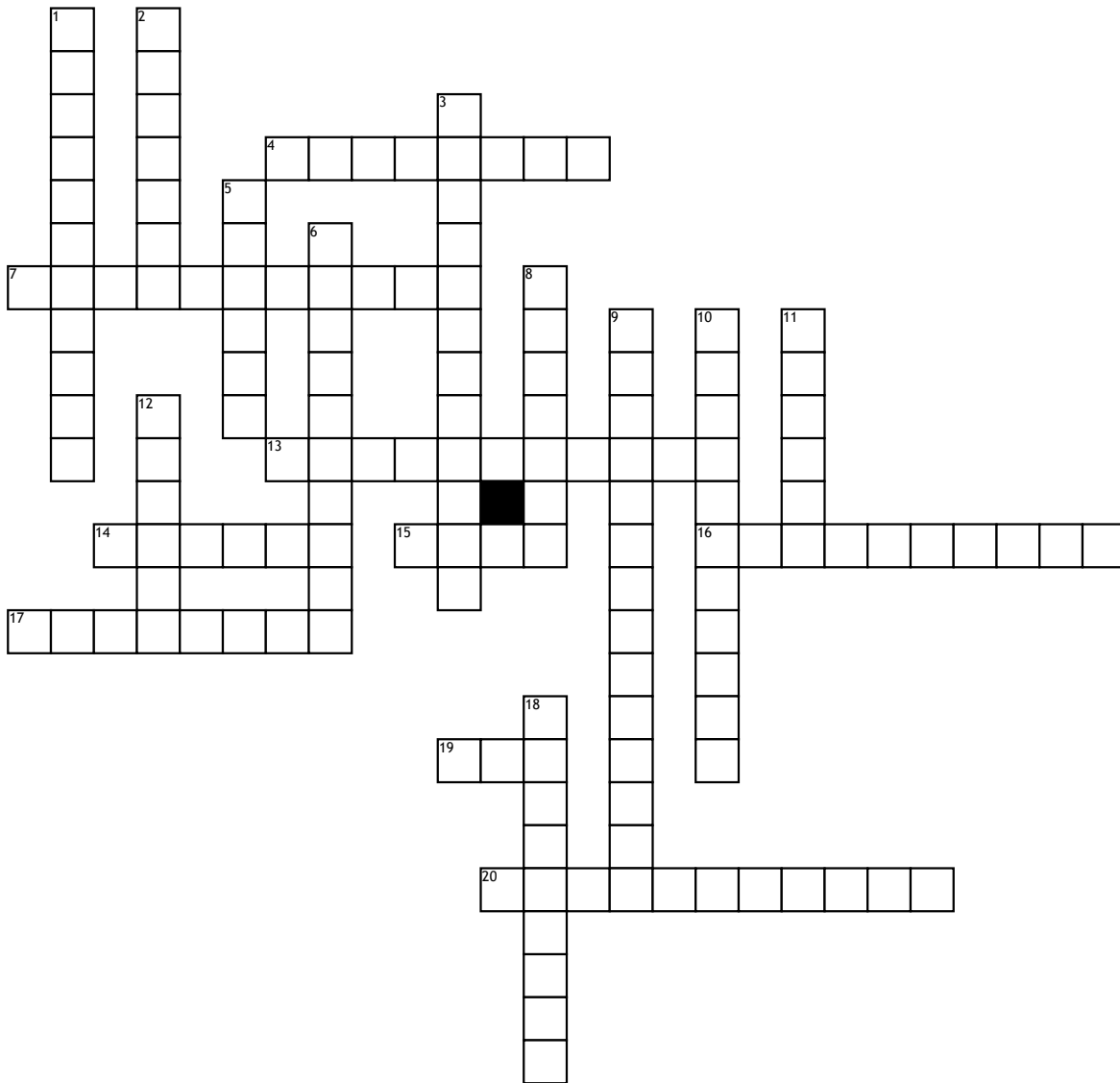


Fibrous and Elastic Tissue - Pathophysiology



Across

4. This French physician, who lived from 1732-1810, was the first describe the structure that lies between the corneal substance and endothelial layer
7. Looking youthful? You must have plenty of this sulfate.
13. This exposure can inhibit collagen synthesis
14. This element with atomic number 29 is necessary for cross-linking in elastic tissue
15. Ubiquitous collagen
16. Anchoring fibrils gone awry = ? epidermolysis bullosa

17. Perpendicular fibers in papillary dermis

19. Easy bruising, thin skin, brittle bones, beaded ribs? This type of collagen is mutated.

20. The alpha-3 subunit of Type IV collagen is attacked in this disease

Down

1. Collagen configuration

2. Parallel fibers in reticular dermis

3. Stimulate collagen with this

5. A French pediatrician first described this syndrome in 1896

6. Mutated glycoprotein in Marfan's and congenital contractural arachnodactyly

8. The most abundant amino acid in collagen

9. The ubiquitous glycosaminoglycan

10. Hallmark of dermal elastosis

11. Type I collagen is most abundant here

12. Kidney, ears, eyes: Type IV collagen is important in this disorder

18. Amino acid in Buschke-Ollendorf syndrome and anetoderma