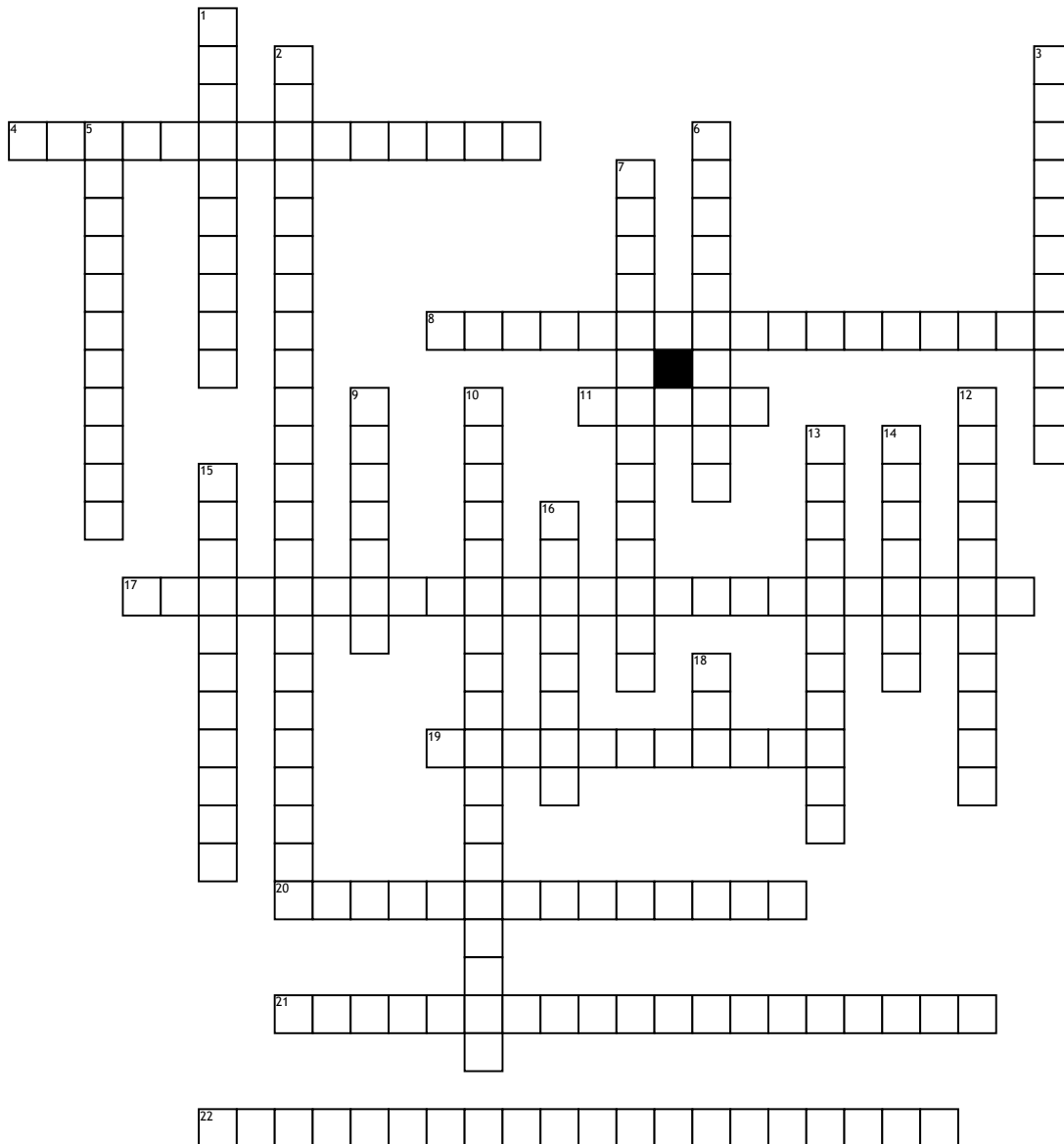


# Renal Structure and Function



## Across

4. Where approx. 65% of re-absorption occurs  
 8. Proteinuria, Hypoalbuminemia, hyperlipidemia  
 11. Enzyme that is stored in the juxtaglomerular cells  
 17. Reliable indicator of renal function  
 19. Potent vasoconstrictor  
 20. Stimulated by tissue hypoxia  
 21. Also known as vasopressin

22. Results from diabetes, hypertension, glomerulonephritis

## Down

1. Hematuria, flank pain, and presence of palpable flank mass  
 2. Linked to chromosome 16, 4, & 6  
 3. Sodium sensing cells  
 5. Interference with the flow of urine at any site along the urinary tract  
 6. End product of muscle metabolism

7. Escherichia Coli is the causative agent in ~80% of cases  
 9. ~80-90% of all stones  
 10. Most common cause of end stage renal failure  
 12. Regulates sodium & potassium elimination  
 13. Controls the concentration of urine  
 14. Functional unit of kidney  
 15. 1 in 300 infant boys  
 16. Product of purine metabolism  
 18. Influenced by fluid volume & protein intake