

U2 – Kidney, Nephron and Corpuscle



KIDNEY

- A. cortex
- B. renal capsule
 - 1. renal vein
 - 2. renal artery
 - 3. ureter
 - 4. renal pelvis
 - 5. calyx
 - 6. renal papillae
 - 7. renal pyramids & medulla
 - 8. collecting duct
 - 9. contort renal tubule ii
 - 10. loop of henle
 - 11. contort renal tubule i
 - 12. corpuscles of the kidney
 - 13. interlobular arteries
 - 14. afferent vessel
 - 15. efferent vessel
 - 16. arcuate arteries
 - 16a. capillary network
 - 17. interlobular veins
 - 18. arcuate veins
 - 19. papillary ducts

NEPHRON

- 1. corpuscle of the kidney with glomerulus and Bowman's capsule
- 2. proximal convoluted tubes
 - a. pars convolute, tubulus renalis contortus i
 - b. pars recta, descending limb (thick portion) of Henle's loop
- 3. loop of Henle
- 4. central section
 - c. pars recta, ascending limb (thick portion) of henle's loop
 - d. distal convoluted tube
- 5. connecting section
- 6. collecting tube
- 7. arcuate artery and vein
- 8. interlobular artery and vein
- 9. afferent vessel
- 10. efferent vessel
- 11. capillary network

Kidney Corpuscle

- 1. glomerulus
- 2. Bowman's capsule
- 3. cervical portion
- 4. urinary pole
- 5. vascular pole
- 6. afferent vessel (towards)
- 7. efferent vessel (away)
- 8. vascular loops
- 9. epicytes (inner lamella)
- 10. outer lamella