Diuresis
Natriuresis

GFR regulation
1. Renal blood flow and perfusion pressure
2. Afferent and efferent glomerular arteriole tone
3. Tubulo-glomerular feedback
4. Plasma oncotic pressure
5. Bowman’s capsule hydraulstatic pressure

Water and Na\(^+\) handling
6. Intra-Renal blood flow Distribution
   Increase renal interstitial Hydrostatic pressure
7. Conformational changes of tubule Na\(^+\)/H\(^+\) exchanger, urea and chloride channels
8. Aquaporin-2 expression