

## I. Osmoregulation

1. What is an osmoconformer?

2. What is an osmoregulator?

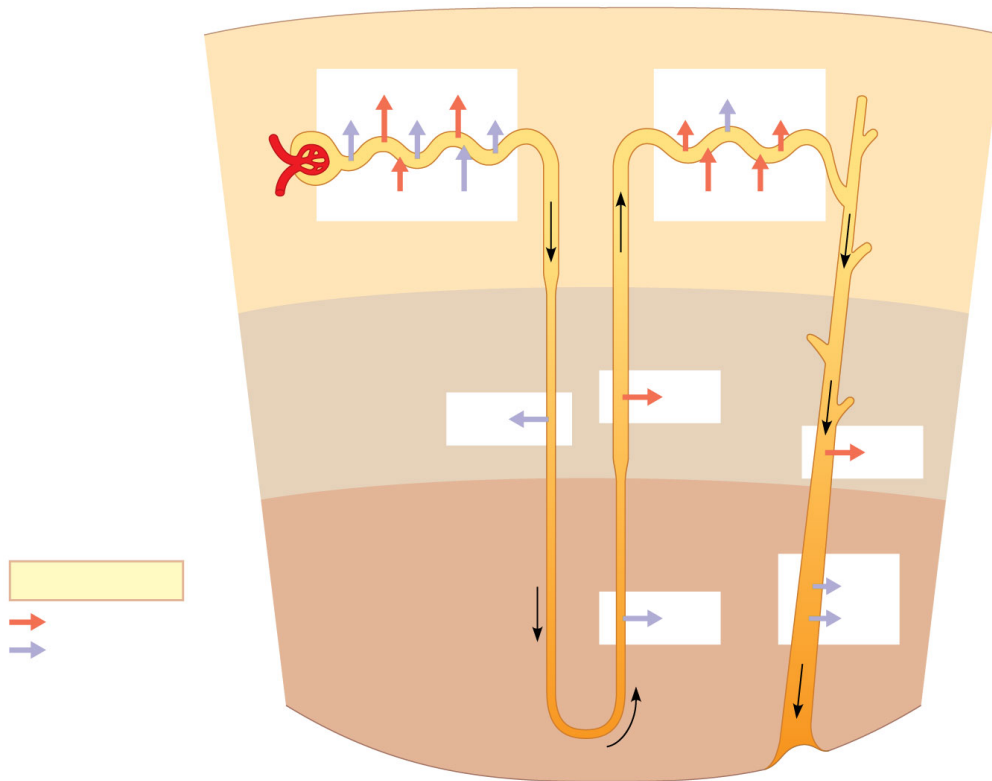
3. Why don't animals directly excrete ammonia?

4. What are the compounds ammonia can be converted into? What is their level of stability?

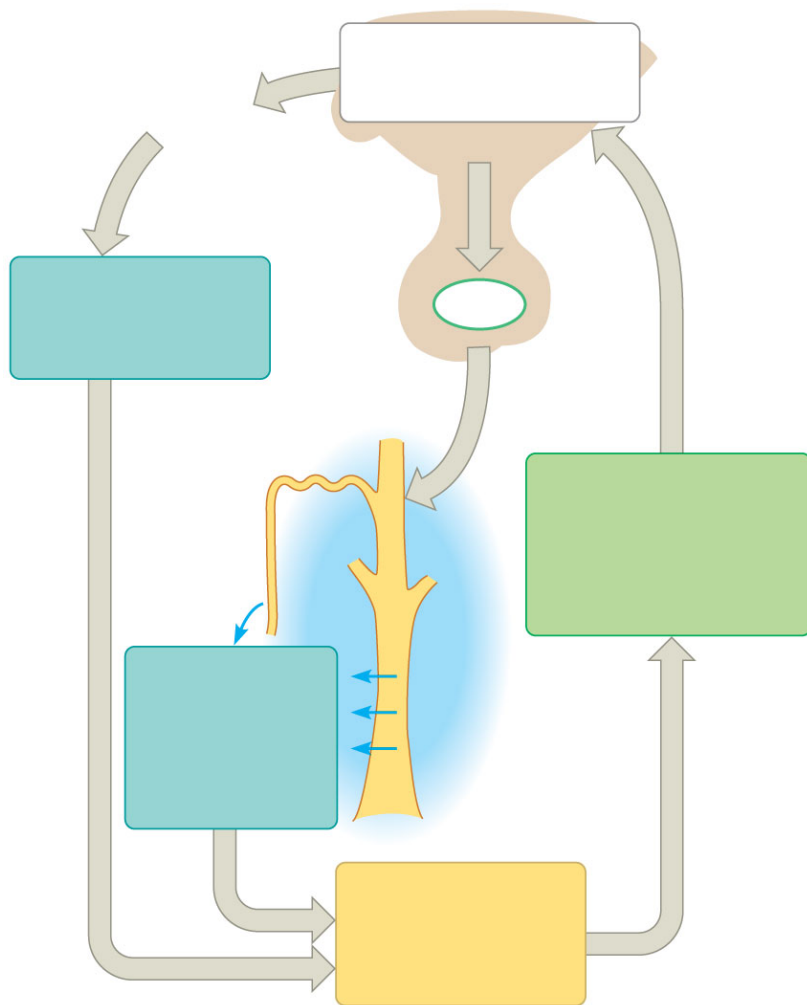
## II. Excretion

1. List the parts of the mammalian excretory system and describe their function

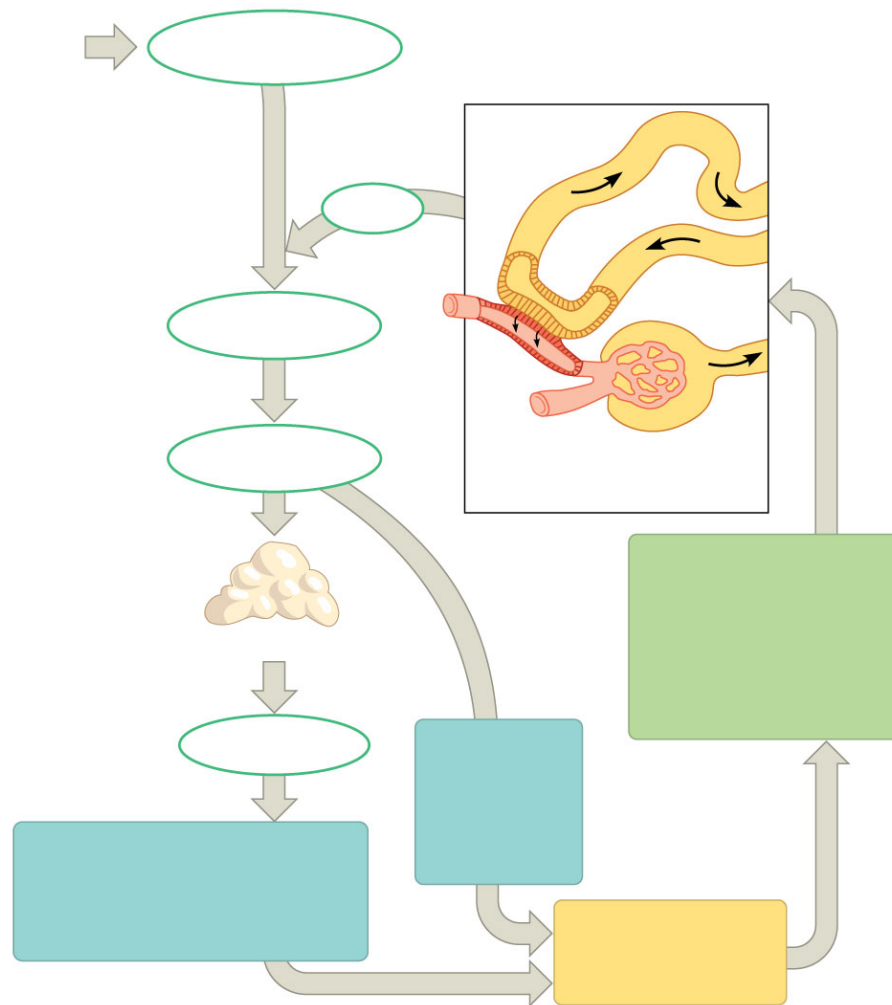
2. Describe the flow of filtrate in the kidney using the diagram. What nutrients stay in the filtrate and which move out?



2. Describe how ADH is used to regulate the kidneys



3. Explain the Renin-Angiotensin-Aldosterone System



4. What is atrial natriuretic peptide?