## Comparative anatomy and structural organization of kidney in vertebrates / Tripartite concept of kidney organization

## Embryonic development:

(What is nephric ridge?)

1. The kidney formed within the intermediate mesoderry located in the dorsal and posterior body wall of the embryo. This posterior region during the onset of differentiation expands, a nephric ridge that protrotrudes slightly from the dorsal wall of the body cavity.

This nephric ridge is a nephrogenic region, meaning it is the embryonic source of the kidneys and their ducts. Nephric ridges are flexible and not committed to one type of kidney or another.

(What is nephrotome?)

peritoneal funnel.

2.The embryonic forerunner of the uniferous tubule is known as nephrotome. It remains in paired and often segmented and contains the nephrocoel (a coelomic chamber that may open via a ciliated perioneal funnel to

