



**Figure 4: Migration of cells plays a significant role in creating the body's general form during development.** Early during development, the embryo adopts the form of a disk with two cell layers, ectoderm and endoderm. The migration of a group of cells from the ectoderm toward the space between the endoderm and ectoderm gives rise to the mesoderm layer. This migration changes the embryo form from a 2-layer (A) to a 3-layer (B) structure. Each of these layers later give rise to different body structures with different shapes and functions.