

What is morphogenesis?

Examples of morphogenesis

- 1.
- 2.
- 3.

Processes involved

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

Separation of cell type and morphogenesis?

Epithelial and mesenchymal properties

Single cells versus sheets

Single cells

Cell sheets

- 1. Spreading**
- 2. Changing number cell layers**
- 3. Bending**

Making a tube

- 1.**
- 2.**
- 3.**
- 4.**
- 5.**
- 6.**

Examples

1. Fgf and lung/tracheal tubule formation

2. Gastrulation

3. Somitogenesis **Clock/wavefront model**