

# Early embryonic development

## Fertilisation

(where?, how?, zona pellucida, corona radiata, pronuclei)



## Development inside zona pellucida

(location, cleavage, morula, blastocyst, blastocoele, trophoblast, ICM)



## Hatching of the blastocyst

(location, timing)



## Formation of 3 germ layers

(Gastrulation, ectoderm, mesoderm, endoderm, primitive streak/ groove/ node, notochord)

## Formation of extra-embryonic membranes

(amnion, allantois, chorion, yolk sac  
– origin and function?)

## Organogenesis/

## Basic Body Plan formation

(neurulation, somitomers/ somites, paraxial/ lateral mesoderm, embryonic folding, head process, tail fold, pharyngeal arches)

## Twins

(monzygotic, dizygotic, splitting)

