

# **Cell Type and Position**

## **4.2.07 and 4.4.07**

**zygote**

**teratogen**

**cell type**

**tissue**

**organ**

**apoptosis**

**control of gene expression**

**fate**

**potency**

**determination (commitment)**

**differentiation**

**determinants**

**inducers**

**induction**

**cleavage**

**gastrulation**

**neurulation/organogenesis**

**germ layers**

**ectoderm**

**endoderm**

**mesoderm**

**cell types**

**determination**

**differentiation**

**skeletal muscle**

**organizer**

**somite**

**$\beta$ -catenin**

**combinatorial code**

**transcription factor**

**TGF $\beta$**

**nodal**

**Ser/Thr kinase receptor**

**myotome**

**myotubes**

**muscle fibers**

**MyoD**