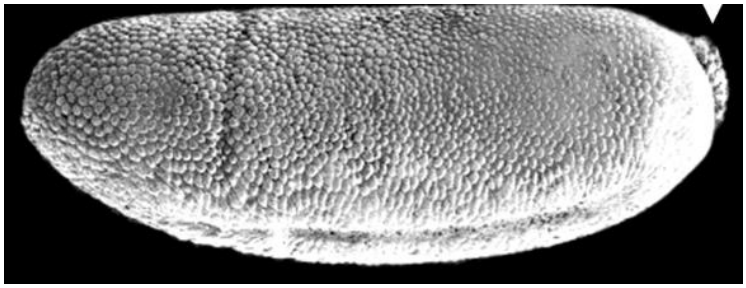
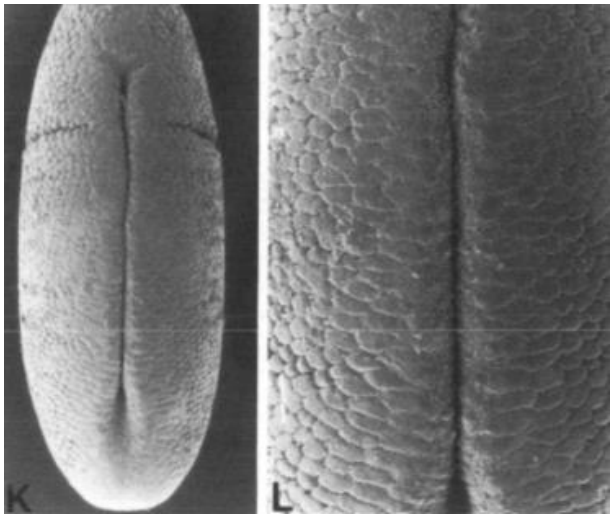


T = -2 min

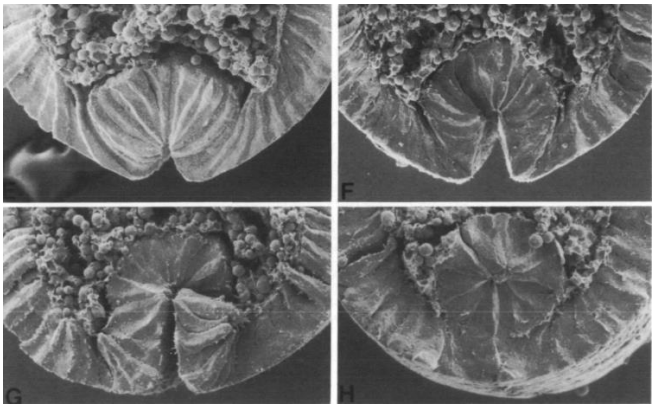
The final main cell mitosis

T = 0 min



Three independent invaginations start:

1. Two slanted furrows (symmetrically on the "port" and "starboard" side) form vertically\footnote{along the Dorsal/Ventral-axis} about 1/3 of the length from the Apical tip\cite{}. This will form the Cephalic Furrow, separating the what will become the head from what will become the body.
2. On the Ventral side, a 8x60 cell\cite{} begins invagination, pulling in the surrounding mesoderm. This is done via anisotropic\cite{} apical constriction\cite{}.
3. The YYY-proteins start signaling\cite{} and a 4-cell wide 10-cell radius\cite{} ring on the posterior tip starts isotropic apical constriction\cite{}.

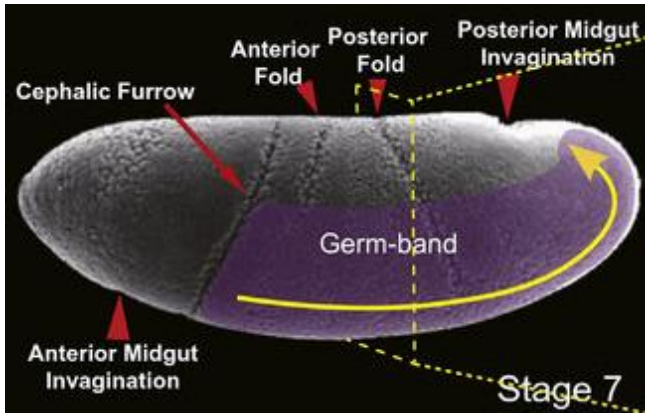


T = 2 min

Once Ventral furrow closes off, internalizing the Germ Cells, the germ band begins actively moving the invaginating posterior dorsally

T = 10-12 min

As the Ventral furrow merge with the PMG, on the dorsal side, the epetihilial cells buckles in 2 transverse folds of 4- and 6- cell width respectively, allowing the invaginated posterior tip to move towards the anterior.



T = 15 min

The germ band stops elongating, with the basis for the most vital morphology finished, the cell differentiation begins