Diversity of fate outcomes in cell pairs under lateral inhibition

Shh promotes direct interactions between epidermal cells and osteoblast progenitors to shape regenerated zebrafish bone

Enthesis regeneration: a role for Gli1+ progenitor cells

Using synthetic biology to explore principles of development

Spindle orientation: a question of complex positioning

Functional characterisation of cis-regulatory elements governing dynamic Eomes expression in the early mouse embryo

Mechanical tension and spontaneous muscle twitching precede the formation of cross-striated muscle in vivo

A histone H4 lysine 20 methyltransferase couples environmental cues to sensory neuron control of developmental plasticity

Genomic integration of Wnt/β-catenin and BMP/Smad1 signaling coordinates foregut and hindgut transcriptional programs

CDX2 is essential for cell proliferation and polarity in porcine blastocysts

Distinct intracellular Ca2+ dynamics regulate apical constriction and differentially contribute to neural tube closure

FGF signaling enforces cardiac chamber identity in the developing ventricle

Transcriptome sequencing reveals maelstrom as a novel target gene of the terminal system in the red flour beetle

Technical and resource

Automated cell tracking identifies mechanically oriented cell divisions during Drosophila axis elongation