Chiral Forces Organize Left-Right Patterning in *C.elegans* by Uncoupling Midline and Anteroposterior Axis

Left and right asymmeties play a important role in devlopment process. To analyzed the LR patterning in *C. elegans*, they systematically track embrogenesis. Firstly, they find that ABa/ABp spindle skew result in asymmetric bilateral body plan. Then they use a plasma membrane marker which fused to mCherry and aanlyze the time series image of embryos. They finded that rearrangement of cells reproduce the LR asymmetric behavior temporally, which formed a protrusion and collective cell movement. In order to understand the dynamic protrusion formming, they imaged F-actin to analyze actomyosin dynamics. Finally, they use RNAi method to confirm that non-canonical Wnt pathway can activate the actomyosin cortex and chiral morphogensis permissively.