

Mechanisms of programmed centriole elimination in *C. elegans*

Centrioles are eukaryotic organelles critical for cell division, motility and signaling. Importantly, centrioles must also be eliminated in some circumstances, including during oogenesis. We discovered that *C. elegans* embryos undergo extensive programmed centriole elimination. In this project, you will use creative thinking, molecular genetics and cell biology to unravel the mechanisms governing programmed centriole elimination in *C. elegans*, and assay the function of this process. You will be embedded in a highly interdisciplinary and collaborative team of scientists that will help accelerate your progress.