



Mechanisms of neuronal injury response



Presented by: Dr. Yishi Jin

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How neurons respond to injury is a complex process that involves coordination of many signaling pathways. We established in vivo laser axotomy assay in *C. elegans*. By combining live imaging and functional dissection, we have characterized rapid cellular dynamics in response to axon injury and discovered numerous axon regeneration pathways. In this talk, I will describe new findings from large scale genetic screening (Chen et al., Neuron 2011; Kim et al., eLife, 2018), including a mechanism involving protein phase separation in axon regeneration.

Host: Dr. Mei Zhen

Date: Monday, February 3rd, 2020

Time: 4:00 PM

Place: PGCRL Auditorium, 686 Bay Street