

Synapse Remodeling in Health and Disease

Fall 2022 - 7:342 Advanced Undergraduate Seminar
Wednesday 1-3pm (tentative)

First class: September 7, 2022

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Course description:

Our brains are remarkably adaptable throughout our lives. Individual brain cells called neurons form synapses, sites of physical connection and communication between neurons, and then repeatedly rewire those connections in response to new experiences or to neuronal cell death caused by injury, disease, or aging. In this course, we will explore how neurons establish their synapses in the healthy brain during childhood and later in life, and how this process goes awry in disease states.