



# Astrocytes as key modulators of CNS responses to injury

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Pekny laboratory focuses on the development of novel strategies for brain repair and regeneration. Milos and others previously showed that reactive astrocytes are key players in stroke, neurodegeneration and disease-triggered neural plasticity responses. The lecture will highlight the specific roles of astrocytes in ischemic and hemorrhagic stroke, post-stroke plasticity and neurodegeneration, and discuss therapeutic strategies to promote functional recovery through the modulation of astrocytes.