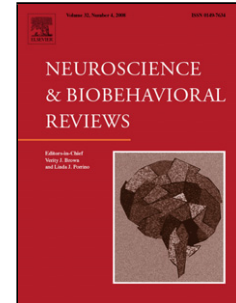


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Authors: Molly J. Sullan, Breton M. Asken, Michael S. Jaffee, Steven T. DeKosky, Russell M. Bauer



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Title: Glymphatic System Disruption as a Mediator of Brain Trauma and Chronic Traumatic Encephalopathy

Authors: Molly J. Sullan, M.S.*¹; Breton M. Asken M.S., ATC¹; Michael S. Jaffee, M.D.²; Steven T. DeKosky M.D.³; Russell M. Bauer, Ph.D.^{1,4}

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Highlights:

- A model of the mediating effect of disrupted sleep on GS functioning and CTE pathology is proposed.
- Sleep disruption affects the ability of the GS to clear metabolic waste.
- Protein waste accumulates in perivascular spaces in CTE, which is one pathway used by the GS
- Chronic disruption of the GS following brain trauma may increase the risk for developing CTE-like pathology and clinical symptomatology.

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