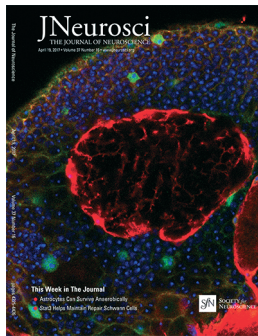


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Cover legend: This confocal section of a *Drosophila* brain shows cortex and astrocyte-like glia (green) and neuropil (immunolabeled against glutamate synthetase, red). Inhibiting expression of *Appl* (the *Drosophila* homolog of the gene encoding amyloid precursor protein) in cortex and astrocyte-like glia influences sleep-wake regulation and glutamate recycling genes such as glutamate synthetase. For more information, see the article Farca Luna et al. (pages 4289–4300).

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