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**The AMPK-PGC-1 α Signaling Axis Regulates the Astrocyte Glutathione System to Protect
Against Oxidative and Metabolic Injury**

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Gah-Jone Won^{1,2}, and Jeremy M. Sivak^{1,2,3}.

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Running title: PGC-1 α regulates astrocyte antioxidant defense

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