

# Can The Light Used In Eye Surgery Set The Stage For Alzheimer's Disease?

Pharmacological treatments for Alzheimer's disease (AD) have not resulted in desirable clinical efficacy over 100 years. Hydrogen peroxide (**H<sub>2</sub>O<sub>2</sub>**), a reactive and the most stable compound of reactive oxygen species, contributes to oxidative stress in AD patients. What does elevated **H<sub>2</sub>O<sub>2</sub>** do to neurons?



**Raphi Sirt**  
@raphaels7

Following



i didn't know this..

when a neuron is releases glutamate (.e. is 'active'), partner brain cells called astrocytes release vitamin C (aka ascorbic acid), effectively helping the neuron choose lactate rather than glucose to keep fuelling itself

Become an Optimal Klub Member or a Patron on [Patreon.com](https://www.patreon.com) to read the full blog.