



Mol Evol. 2018 Apr86(3-4):167-171. doi: 10.1007/s00239-018-9840-1. Epub 2018 Apr 5. Primitive Dark-Phase Cycle of Photosynthesis at the Origin of Life. The dark phase of photosynthesis has nothing to do with dark. This process can take place even in the presence of light, but does not necessarily require light. Light energy, carbon dioxide and water are used to produce sugar (glucose) and release oxygen. While sunlight is used during the light reactions to produce ATP and the electron carrier NADPH, the dark reactions use these products to complete photosynthesis independent of light - 5 min - Uploaded by CM Lowry This screencast explains how light is transducer into neural signals. We start with what is