

# Current Updates in Ophthalmology

Review Report

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**Article Title:** Circadian Clock Photo-Entrainment: The Unexpected Role of Opn5/neuroopsin in the Retina

**Reviewer:** Hany Ahmed Helaly, Faculty of Medicine, Alexandria University, Egypt

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**Review Status:** Approved

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## Review Report

This review article is well written and interesting. Author could add more recent references mentioning this subject e.g.:

- Sonoda T, Lee SK. A Novel Role for the Visual Retinoid Cycle in MelanopsinChromophore Regeneration. The Journal of Neuroscience. 2016 Aug 31;36(35):9016-8.
- Walmsley L, Hanna L, Moulard J, Martial F, West A, Smedley AR, Bechtold DA, Webb AR, Lucas RJ, Brown TM. Colour as a signal for entraining the mammalian circadian clock. PLoS Biol. 2015 Apr 17;13(4):e1002127.
- vanDiepen HC, Foster RG, Meijer JH. A Colourful Clock. PLoS Biol. 2015 May 21;13(5):e1002160.
- Cao D, Barrionuevo PA. The importance of intrinsically photosensitive retinal ganglion cells and implications for lighting design. Journal of Solid State Lighting. 2015 Dec 24;2(1):1.

I have read this submission. I believe that I have an appropriate level of expertise to confirm that it is of an acceptable scientific standard.