

International Conference on **Eye Disorders and Treatment**

July 13-15, 2015 Baltimore, USA

Retinal light damage through prolonged visible light exposure

Thomas Reiter

Donau University Krems, Austria

Computers and laptops are increasingly used at work and at home. As a consequence, that the exposure of short wavelength blue light, which is emitted by LED displays, increases too. By its action, light is well-known to enact damage on the neurosensory retina, especially on the underlying structures. In particular, this happens through photothermal, photomechanical, and photochemical mechanisms. This paper will point out whether or not and what kind of medical, respectively pathological, changes within the eye occurs and how much of visible light the eye can withstand before damage occurs.

Biography

Reiter Thomas is currently studying Global Business at Johannes Kepler University of Linz, University of Victoria and National Sun Yat-sen University in Taiwan. The subjects are Human Resource, International Management, Logistics and Finance. He already finished a masters program in Clinical Optometry.

thomas_reiter@hotmail.com

Notes: