

School of Optometry

School Seminar

Dr. Benjamin Thompson

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New approaches to the treatment of amblyopia

Date : Wednesday 12 November 2014

Time : 1:00pm – 2:00pm

Venue : Room BC215, The Hong Kong Polytechnic University

Abstract

Amblyopia is a neurodevelopmental disorder of the visual cortex that is often considered to be untreatable in adulthood due to insufficient neural plasticity. I will present a series of studies which indicate that both binocular perceptual learning and non-invasive brain stimulation techniques can improve visual function in adult patients with amblyopia, possibly by reducing inhibitory interactions within the visual cortex. I will also present new data from a recent study on the use of the anti-depressant drug citalopram to promote visual cortex plasticity in adults with amblyopia.

Please note that no CPD hour will be counted for this talk.

For enquiry, please contact Miss Winnie Hui at 2766 4323 or by email sowinnie@polyu.edu.hk.



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