

How Biomedical Technology has made an Impact on Eye Diseases

GUEST SPEAKER

Prof. Tien Y. Wong

Singapore Eye Research Institute

When: **25th August 2010, 3.00 p.m. to 4.00 p.m.**

Where: **Institute of Microelectronics, Singapore**

11 Science Park Road Singapore Science Park II Singapore 117685

Abstract

The major eye diseases of aging, such as age-related macular degeneration, glaucoma, and diabetic retinopathy, have benefitted from advances made in biomedical research and technological breakthroughs over the last 20 years. These include technologies in the diagnosis of these diseases, monitoring progression, prevention and treatment. In retinal diseases, advances in imaging have allowed physicians to predict diseases early in their natural history before symptomatic late stage diseases manifest. This has led to improved strategies in screening and risk stratification, as well as appropriate and cost-effective preventative measures. Advances in new treatments have allowed improvement in vision in eye diseases previously thought to be untreatable. Many other potential technologies are in development that will benefit patients in the coming years.

About the Speaker



Prof. Wong is a clinician-scientist, who splits 50% of his time as an ophthalmologist specializing in retinal and macular diseases and 50% directing a large research program on the use of novel retinal imaging techniques to predict diabetic and cardiovascular diseases. He has published more than 500 papers, including papers in the New England Journal of Medicine and the Lancet, and given more than 150 invited named, plenary and symposium lectures around the world. For his work, Prof. Wong has been recognised internationally and nationally with numerous awards, including the Singapore Translational Researcher Award (STaR) and the National Outstanding Clinician-Scientist Award.

Registration

Pre-registration is required. Closing date is 23rd August 2010. To register, please log on:

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