

**The 564th Medical Research Institute Seminar**  
**The 137th Joint Usage/Research Program of Medical Research Institute Seminar**

Date: September 27, 2017

Venue: Room 2, M&D Tower 2F

Lecturer: Prof. Tak Wah Mak

(The Campbell Family for Breast Cancer Research Institute, Princess Margaret Hospital, University Health Network, CANADA)

Title: Beyond Targeting Oncogenes: Emerging Anti-Cancer Strategies

Summary: Dr. Mak's research interests center on immune cell recognition/regulation, molecular mechanisms underlying the survival and death of normal or malignant cells, as well as the role of inflammation in the progression of autoimmune disease and cancer. He is best known as the lead scientist of the group that first cloned the genes of the human T cell antigen receptor, a discovery that provided essential insights into the molecular basis of cellular immunity. In addition, Dr. Mak has devoted a large portion of his research to investigating the pathogenesis of cancer. In particular, he is interested in mechanisms of metabolic transformation in order to identify potential targets for novel cancer therapeutics.

Organizers: Department of Developmental and Regenerative Biology,  
Prof. Hiroshi Nishina (ext. 4659)

Co-organizer: Department of Biodefense research, Prof. Toshiaki Ohteki