



# The Max Planck Center Seminar Series

**Speaker: Wayne M. Yokoyama, M.D.**

Howard Hughes Medical Institute Investigator

Professor, Rheumatology Division

Washington University School of Medicine in St. Louis

## **Title: Tissue-resident Natural Killer Cells**

Dr. Yokoyama established the molecular basis of target cell recognition by natural killer (NK) cells, which are important components of the body's immune system, particularly in innate host defense against viruses and tumors. He was the first to discover a gene cluster encoding receptors responsible for inhibiting or activating NK cells, and to show that these receptors specifically interact with ligands that are expressed on the target cells. Recently, his laboratory discovered new lineages of NK cells that preferentially reside in tissues.

**Date: 16:00-17:00, July 24th, 2014**

**Place: As313・314, As block,  
Institute of Industrial Science, The University of Tokyo  
Komaba 4-6-1, Meguro-ku, Tokyo**



\*Seminar will be given in English

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