



The Max Planck Center Seminar Series

Speaker: **Rudolf Grosschedl, Ph.D.**

Professor of Biochemistry

Director, Max-Planck Institute of
Immunobiology and Epigenetics

Co-Director, Max-Planck –The University of
Tokyo Center for Integrative Inflammation



Title: **Transcriptional networks
in B cell programming and malignancy**

*Seminar will be given in English

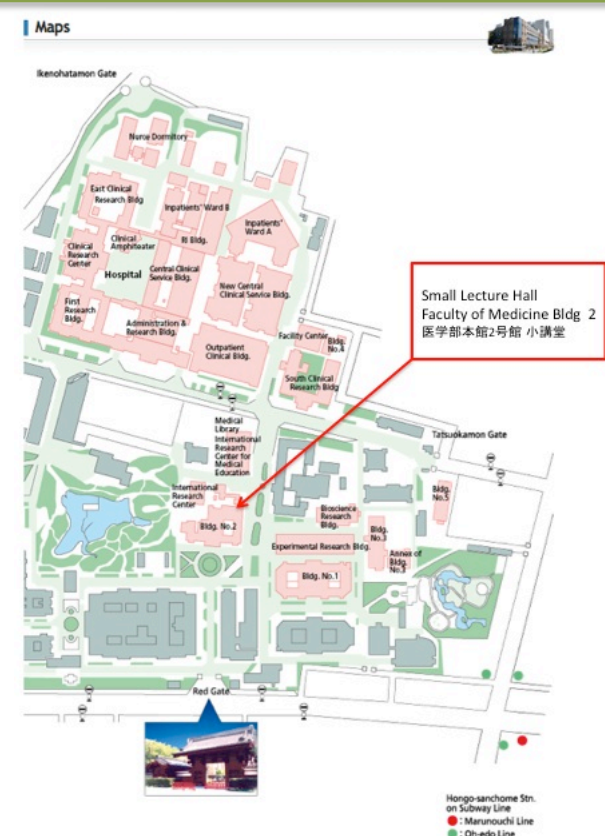
Date: 16 : 30 ~ 17 : 30, March 27th, 2015

Place: Small Lecture Hall, Faculty of Medicine Bldg 2
The University of Tokyo (Hongo 7-3-1, Bunkyo-ku, Tokyo)

About the Speaker

Prof. Grosschedl is one of the most prominent immunologists, particularly in the molecular analyses of B cell development. One of the recent discoveries is that the transcription factor EBF1 is crucial for B cells to remember who they are. He and his colleague found that, in the absence of this transcription factor, the B cells lost their previous identity and instead developed into T cells. Unlike most other cell types, B cells have a characteristic footprint in their genetic makeup and this allowed him to identify the origin of each individual cell. EBF1 primarily represses genes that would initiate an alternative program of development in the B cells, while another transcription factor Pax5 ensures that they no longer react to signals that would enable them to select a different specialization.

UT, Hongo Campus



Contact: Max Planck - The University of Tokyo Center for Integrative Inflammation
at Dept. of Molecular Immunology, Institute of Industrial Science
Tel: 03-5452-6491, Email: mputc@iis.u-tokyo.ac.jp