



The Max Planck Center Seminar Series

Speaker: Jerold Chun, MD, PhD

Sanford Burnham Prebys Medical Discovery Institute, Professor

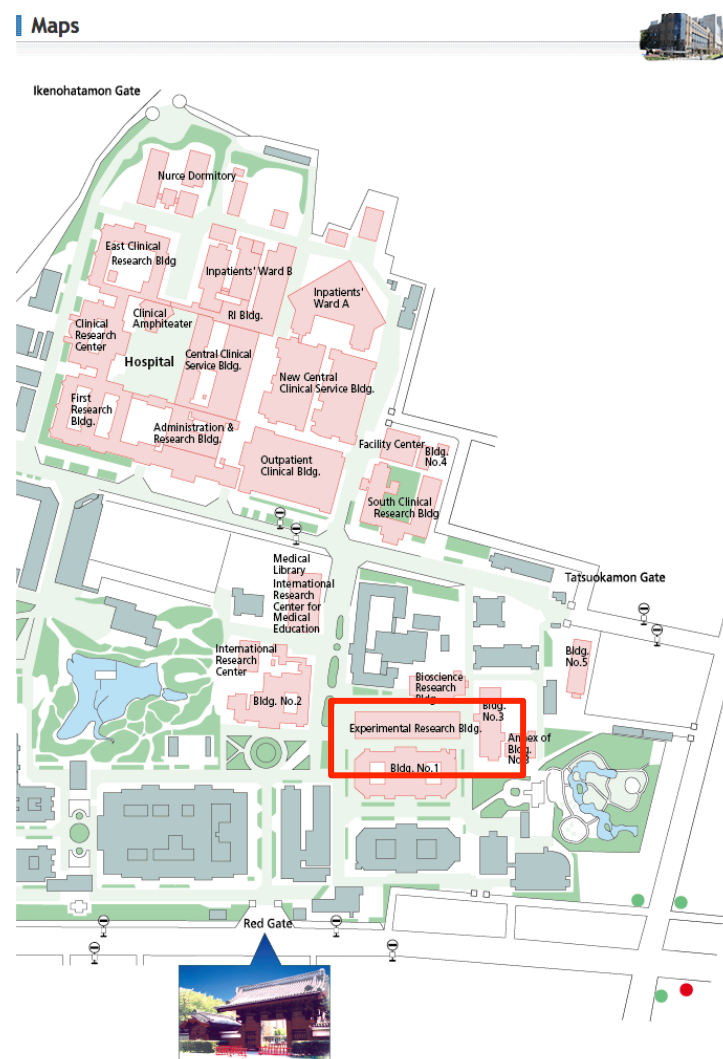
Title: Lysophospholipid Signaling: From Basic Science to Successful Medicines

Lysophospholipids (LPs), represented by lysophosphatidic acid (LPA) and sphingosine 1-phosphate (S1P), are now recognized as a major class of extracellular signaling lipids whose primary effects are mediated by G protein-coupled receptors (GPCRs). First identified from studies of the brain over 20 years ago, LP receptor and involved ligand identities continue to expand, with prominent roles in the nervous system as well as multiple other organ systems. A first medicine, fingolimod (Gilenya for Multiple Sclerosis) has validated LP receptors as druggable targets, raising their potential for the generation of new therapeutics. The history, basic science and therapeutic mechanisms of LP receptors will be discussed.

Date: September 27, 2017
17:00 ~ 18:00

Place: Seminar room 5, 13F
Experimental Research Bldg.
Faculty of Medicine
The University of Tokyo
Hongo 7-3-1, Bunkyo-ku
Tokyo

* Seminar will be given in English.



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