2013 年 2 月 5 日（火）
10:30-11:30

講演者： Pietro De Camilli 教授

Department of Cell Biology, Howard Hughes Medical Institute
Yale University School of Medicine, USA

演　題：

Membrane Dynamics and Phosphoinositide Signaling in the Endocytic Pathway

Endocytosis plays a fundamental role in all cells and a highly specialized role at neuronal synapses, where it mediates the recycling of synaptic vesicle membranes. Dr. De Camilli and his colleagues have capitalized on this highly specialized system to advance knowledge of fundamental mechanisms in endocytic membrane traffic. Dr. De Camilli will discuss how membrane deformation at endocytic sites is coupled, via adaptor proteins with curvature generating/sensing properties, to metabolic changes of phosphoinositides in the membrane bilayer and will address more generally the importance of these phospholipids in the control of membrane dynamics and interactions.

場　所： 京都大学 アイセムス本館（東一条北西角）2 階
セミナーホール（A207）

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