



セミナーのご案内

date 19th March, 2009

日時：平成21年3月19日（木） 13：00～15：00

場所：医学研究科A棟103号セミナー室

講師：Francisco Clasca

(Professor of Human Anatomy & Neuroscience School of Medicine, Autonoma University)

演題：「Thalamic input to distal apical dendrites in the neocortex: adult organization and development」

要旨： Input to apical dendritic tufts is now deemed crucial for associative learning, attention, and similar "top-down" interactions in the cerebral cortex. Excitatory input to apical tufts in neocortical layer 1 has been traditionally assumed to be predominantly cortical, as thalamic pathways to this layer were regarded relatively scant and diffuse. I will review recent work from my laboratory showing that thalamic innervation of layer 1 is robust, highly-convergent and originated in a widespread thalamic cell population which is anatomically and developmentally different from the thalamic cells innervating the middle cortical layers.