

Psychiatry and Neuroscience Seminar Series 2023



Pr Hsin-Hsi Cynthia Tsai

(Host G Turc-JC Baron)

Department of Neurology, National Taiwan University, Taipei, Taiwan

Hemorrhagic Stroke: Current Research regarding Etiological Diagnosis

Tuesday, April 25th, 2023, noon

Room D Levy, 102-108 rue de la santé - 75014 Paris & VISIOCONFERENCE

Pr Hsin-Hsi Cynthia Tsai

Department of Neurology, National Taiwan University, Taipei, Taiwan

Cerebral amyloid angiopathy (CAA) and hypertensive deep perforator arteriopathy are the two main forms of sporadic cerebral small vessel diseases and the major etiologies causing spontaneous intracerebral hemorrhage (ICH). Strictly lobar hemorrhages are usually caused by CAA while chronic hypertension results in deep or infratentorial hemorrhages. Diagnosing the underlying vascular pathology in these patients is important because the risk and types of recurrent strokes show significant differences. Recent advances in small vessel disease-related radiological markers have improved our ability to clarify the underlying vasculopathy and further stratify ICH risk in individual patients, guide antithrombotic decisions, and extend our understanding on their long-term functional and cognitive sequelae after hemorrhagic stroke. In this talk, I will also introduce the application of amyloid PET in the research of ICH etiology including a discussion about patients who present with mixed lobar and deep hemorrhages, which are even more prevalent in Asians than the Caucasians.

Keywords:

Hemorrhagic stroke; Intracerebral hemorrhage; Cerebral amyloid angiopathy; Cerebral small vessel disease; Hypertension

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