

8<sup>th</sup> Global Experts Meeting on

## ADVANCES IN NEUROLOGY AND NEUROPSYCHIATRY

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**Wai Kwong Tang***Chinese University of Hong Kong, Hong Kong***Structural and functional MRI correlates of post stroke depression**

Many stroke survivors suffer from depression. Post Stroke Depression (PSD) adversely affects the recovery and rehabilitation of stroke survivors. The frequency of PSD remained high in both acute and chronic stroke patients. Possible structural correlates of PSD include cerebral microbleeds, lacunar infarcts and white matter changes. Functional changes in several brain networks, such as the default mode network and the affective network have been reported in PSD. Latest findings on the link between structural and functional brain changes and PSD will be discussed.

**Biography**

Wai Kwong Tang was a Professor in the Department of Psychiatry, the Chinese University of Hong Kong. His main research areas are addictions and neuropsychiatry in stroke. He has published over 100 papers in renowned journals and has also contributed to the peer review of 40 journals. He has secured over 20 major competitive research grants, including Health and Medical Research Fund. He is the Editorial Board Member for five scientific journals.

[tangwk@cuhk.edu.hk](mailto:tangwk@cuhk.edu.hk)**Notes:**