



## **Takeshi Iwatsubo**

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Takeshi Iwatsubo is a Professor of Neuropathology at the School of Medicine, University of Tokyo. He was graduated from Univ of Tokyo in 1984, and received training in neurology and neuropathology. Since he had an independent laboratory at the Univ. Tokyo, on 1992, he has contributed to the studies of human neurodegenerative disorders, especially Alzheimer's and Parkinson disease, using multidisciplinary approaches. He demonstrated that A $\beta$ 42 is the initially deposited species in senile plaque amyloid, and elucidated the process of  $\alpha$ -secretase complex formation. He has identified  $\alpha$ -synuclein, especially a hyperphosphorylated form, is a component of Lewy bodies. On the clinical front, Dr. Iwatsubo has been the PI of Japanese AD Neuroimaging Initiative (J-ADNI) project, aiming at establishing standard surrogate markers for clinical trials of disease-modifying therapies for AD. Currently he serves as the PI of A4 study in Japan, an anti-A $\beta$  intervention study on preclinical AD, as well as of the Japanese Trial Ready Cohort for the Preclinical AD (J-TRC-PAD).