講演会のご案内

Speaker : **Dr. Noriyoshi Usui**, Dept. Neurosci, Univ. Texas, Southwest. Med Ctr, USA
(米国・テキサス大学・サウスウェスタンメディカルセンター)

Title : **Decoding human brain development and neuropsychiatric disorders**
(ヒトの脳発生と精神神経疾患を読み解く)

Abstract : An evolutionary advance of the human brain compared to other primates is a highly developed cerebral cortex that is responsible for creativity, cognition and language. Identification of the genetic and molecular basis of the acquisition of these human-specific features should provide important insights into brain disorders, in particular cognitive disorders such as autism and schizophrenia. In this seminar, I discuss our recent studies: 1) the roles of autism risk genes *FOXP1* and *FOXP2* transcription factors in brain development and function, and neuropsychiatric disorders including autism spectrum disorders (ASD) using human and mouse models, and 2) the role of the RNA binding protein ELAVL2 in human brain development and ASD using human neurons and genomics approaches. Our studies provide insight into novel molecular mechanisms and pathways underlying brain development and how these pathways are at risk in neurodevelopmental and neuropsychiatric disorders.

日　　時:　平成28年9月12日(月) 11時00分～12時00分
場　　所:　薬学研究科 沢井ホール（１号館４階）
連 絡 先:　薬学研究科 神経薬理学分野　橋本　均
主　　催:　頭脳循環を加速する戦略的国際研究ネットワーク推進プログラム
　　酸化ストレス仮説に基づく新規精神疾患創薬のための国際共同研究（S2603）