

<シンポジウム 16> 神経疾患と RNA

Aim

Chairs Department of Neurology, Graduate School of Medicine, The University of Tokyo **Jun Goto**
Department of Neurology and Geriatrics, Kagoshima University **Hiroshi Takashima**

(臨床神経 2010;50:977)

Ribonucleic acid, RNA, is chemically very similar to deoxyribonucleic acid, DNA. In contrast to DNA as a carrier of genetic information, RNA has many other biological functions and unique aspects. Recently, abnormalities of the RNA world have been reported to be involved in several neurode-

generative diseases, including abnormalities in RNA editing, micro RNA and RNA splicing involving RNA binding proteins. The symposium focuses how abnormalities in the RNA world are involved in neurodegenerative diseases and pathophysiological mechanisms of those.
