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## Update on Epilepsy

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Epilepsy is one of the most common neurological disease and the most progressive field in neurology. Although the mechanistic approach to prevent the development of epilepsy after initial insults to the brain has been tried, no treatments exist. The development of biomarkers related with epileptogenesis or pharmacovigilance predicting pharmaco-resistant epilepsy has been encouraged. The biomarkers for epilepsy may be fallen into 2 categories; 1) diagnostic biomarkers, which provide information on the clinical status of epilepsy itself or specific treatments, and 2) prognostic biomarkers, which allow prediction of future clinical features, such as the progression of the disease or response to a specific medication. The prognostic biomarkers may be important because it could be utilized as a basis for personalized medicine. We will discuss about the recent advances of the biomarkers in epilepsy.

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**Key Words:** Biomarker, Epilepsy, Personalized medicine

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