

عنوان مقاله:

Early Intervention in Inflammatory Processes During Febrile Seizures, Prevent Subsequent Memory Deficits in Wistar Rat

محل انتشار:

سومین همایش بین المللی التهاب سیستم عصبی و سومین فستیوال دانشجویی علوم اعصاب (سال: 1398)

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خلاصه مقاله:

Febrile seizures are the most common type of seizures that ۲-۱۴% of infants and preschool children suffering from it in the world. Increasing evidence indicates close relation between Epileptogenesis, pathogenesis of seizures and inflammatory processes. Based on associated studies, some of the inflammatory mediators such as prostaglandins, cytokines and complement factors, play a more noted role in promoting inflammation and seizure. These mediators of inflammation apply detrimental effects on learning and memory. It seems plausible that interfering with these molecules or their receptors can affect seizures consequences. We intend to determine the relationship between Toll-like receptor ۴ antagonizing in rat pups with febrile seizure and amelioration of memory deficits in adulthood. Materials and Methods: Complex febrile seizure was induced for three Consecutive sessions

کلمات کلیدی:

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