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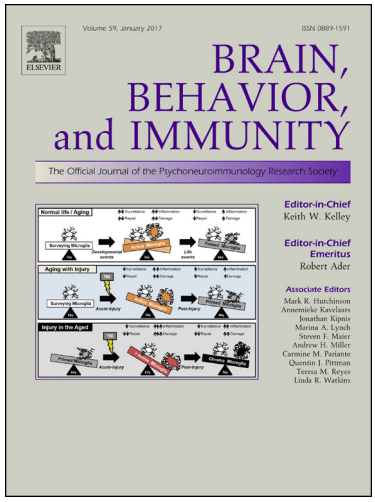

TRIF contributes to epileptogenesis in temporal lobe epilepsy during TLR4 activation

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TRIF contributes to epileptogenesis in temporal lobe epilepsy during TLR4 activation

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Increasing evidence indicates that inflammatory processes play a crucial role in the etiopathology of epilepsy and seizure disorders. The Toll/IL-1R domain-containing adapter-inducing IFN-β (TRIF) activated several transcriptions leading to the production of pro-inflammatory cytokines in the central nervous system, which suggests a potential role for TRIF in the epileptogenesis of epilepsy. In this study, we investigated the roles of TRIF in human and mice epileptogenic tissues.