Accepted Manuscript

TRIF contributes to epileptogenesis in temporal lobe epilepsy during TLR4 activation

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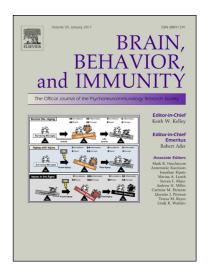
PII: S0889-1591(17)30386-0

DOI: http://dx.doi.org/10.1016/j.bbi.2017.07.157

Reference: YBRBI 3198

To appear in: Brain, Behavior, and Immunity

Received Date: 22 March 2017 Revised Date: 28 June 2017 Accepted Date: 26 July 2017



Please cite this article as: Wang, F-X., Yang, X-L., Ma, Y-S., Jia Wei, Y., Yang, M-H., Chen, X., Chen, B., He, Q., Yang, Q-W., Yang, H., Liu, S-Y., TRIF contributes to epileptogenesis in temporal lobe epilepsy during TLR4 activation, *Brain, Behavior, and Immunity* (2017), doi: http://dx.doi.org/10.1016/j.bbi.2017.07.157

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ACCEPTED MANUSCRIPT

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.

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