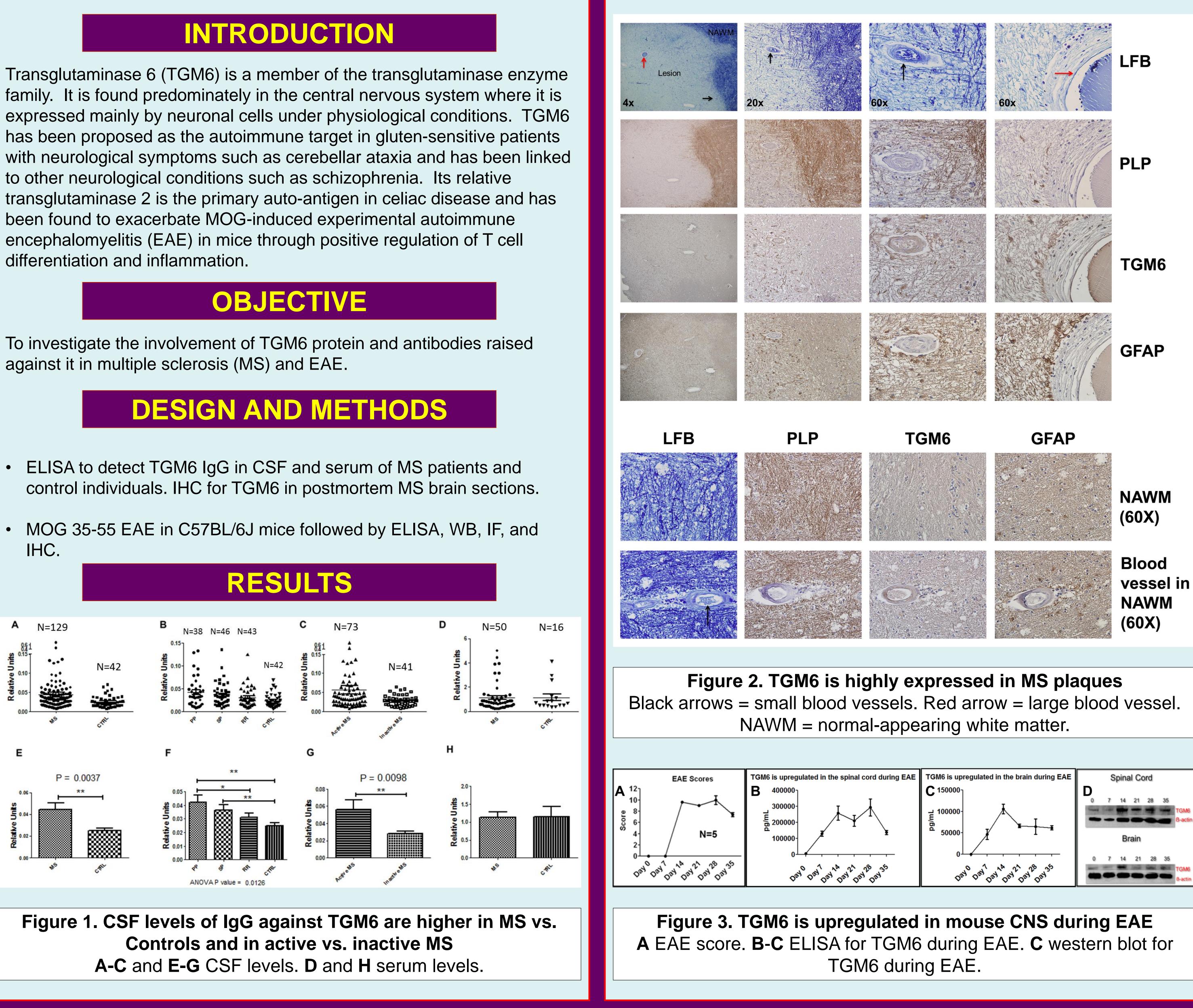


differentiation and inflammation.

- IHC.



TGM6 is a potential biomarker in MS and its expression by reactive astrocytes in the murine spinal cord during EAE correlates with disease course Massimiliano Cristofanilli, Daniel Gratch, Benjamin Pagano, Deneb Bates, and Saud A. Sadiq Tisch MS Research Center of New York, USA

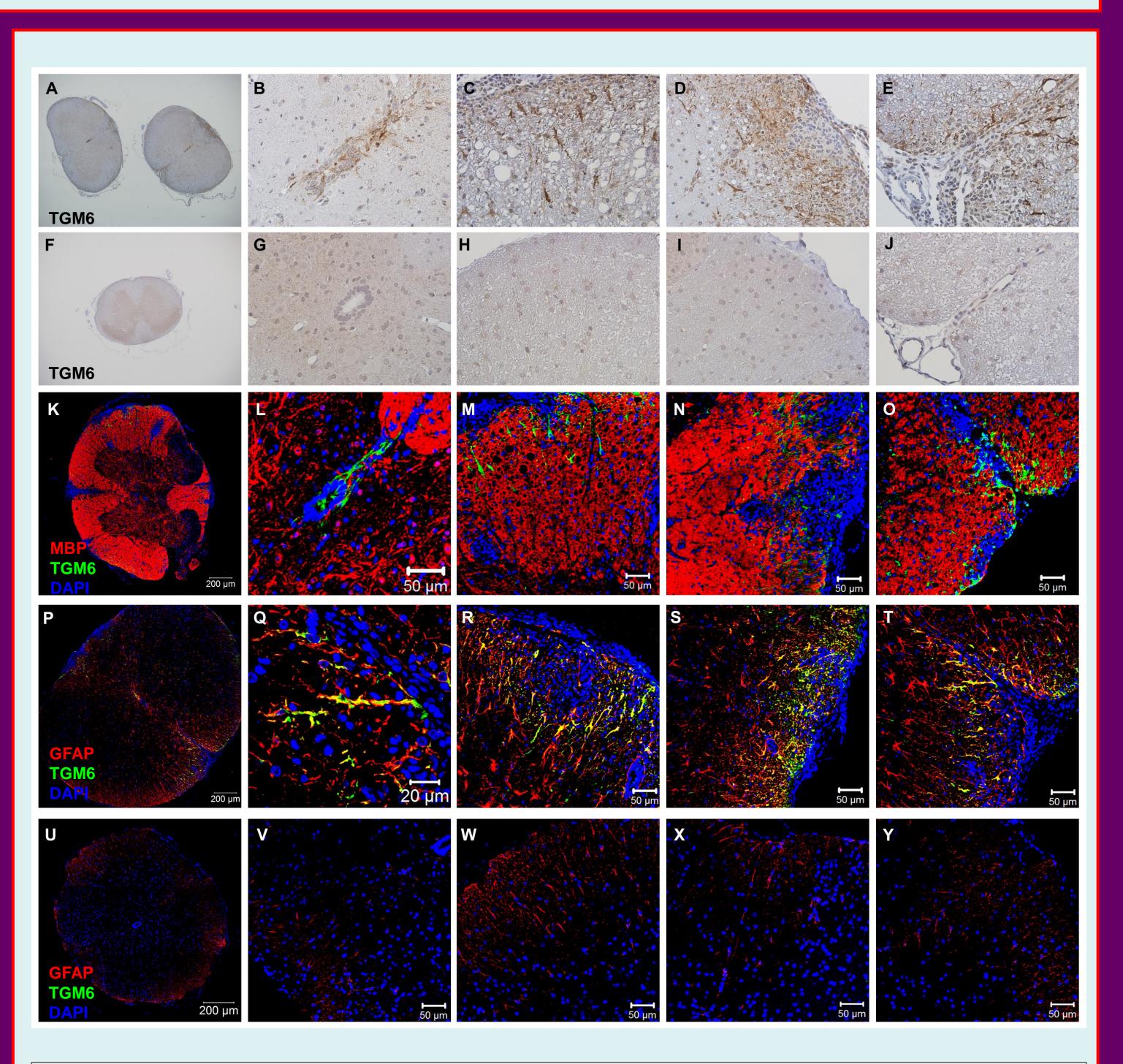


Figure 4. TGM6 is highly expressed by reactive astrocytes infiltrating spinal cord lesion during EAE A-E, K-O, and P-T spinal cord from day 14 EAE mice. F-J and U-Y spinal cord from naïve mice.



> TGM6 is strongly expressed in reactive astrocytes during EAE suggesting a potential role for this protein in the mechanism of glial scar formation in MS.

CONLCUSIONS

CSF levels of IgG against TGM6 could be a useful biomarker to differentiate between MS subtypes and to determine disease activity and progression.