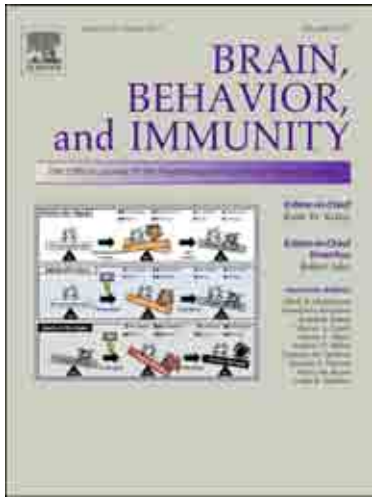

Systemic inflammation without gliosis mediates cognitive deficits through impaired BDNF expression in bile duct ligation model of hepatic encephalopathy

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Abbreviations: AEBSF, 4-(2-Aminoethyl) benzene sulfonyl fluoride hydrochloride; ALP, Alkaline phosphatase; ALT, Alanine transaminase; AST, Aspartate transaminase;BBB, Blood brain barrier; BDL, Bile duct ligation; BDNF, Brain derived neurotrophic factor; BSA, Bovine serum albumin;CNS, Central nervous system; CREB, cAMP-response element binding protein; DAB-H_2O_2, 3,3-diaminobenzidine-hydrogen peroxide; EDTA, Ethylene diamine tetra acetic acid; EGTA, Ethylene glycol tetra acetic acid; ELISA, Enzyme linked immunosorbent assay; FBS, Fetal bovine serum; FITC, Fluorescein isothiocyanate; GAPDH, Glyceraldehyde-3-phosphate dehydrogenase; GFAP, Glial fibrillary acidic protein; HE,