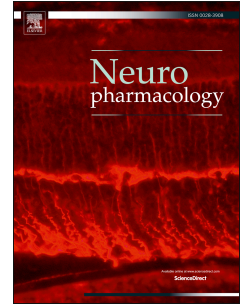


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Recombinant IgG1 Fc hexamers block cytotoxicity and pathological changes in experimental in vitro and rat models of neuromyelitis optica

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Running title: Fc hexamers for NMO therapy

Abbreviations: ADCC, antibody-dependent cellular cytotoxicity; AQP4, aquaporin-4; AQP4-IgG, neuromyelitis optica immunoglobulin G antibody; BSA, bovine serum albumin; CDC, complement-dependent cytotoxicity; GFAP, glial fibrillary acidic protein; ITP, idiopathic thrombocytopenic purpura; IVIG, intravenous immunoglobulin; MAC, membrane attack complex; MBP, myelin basic protein; NK cell, natural killer cell; NMO, neuromyelitis optica spectrum disorders; PFA, paraformaldehyde

Key words: AQP4; NMO; Fc multimer; astrocyte; complement; immunoglobulin; neuroinflammation

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