



Anti-Glycin receptor α_1 autoantibodies

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Literature

Bakker MJ, van Dijk JG, van den Maagdenberg AM, Tijssen MA: Startle syndromes. *Lancet Neurol* (2006); 5(6): 513 - 524 (PMID: [16713923](#)).

Damáσιο J, Leite MI, Coutinho E, Waters P, Woodhall M, Santos MA, Carrilho I, Vincent A: Progressive Encephalomyelitis With Rigidity and Myoclonus: The First Pediatric Case With Glycine Receptor Antibodies. *JAMA Neurol* (2013); 4: 1 - 4 (PMID: [23380884](#)).

Dutertre S, Becker CM, Betz H: Inhibitory glycine receptors: an update. *J Biol Chem* (2012); 287(48): 40.216 - 40.223 (PMID: [23038260](#)).

Clerinx K, Breban T, Schrooten M, Leite MI, Vincent A, Verschakelen J, Tousseyn T, Vandenberghe W: Progressive encephalomyelitis with rigidity and myoclonus: resolution after thymectomy. *Neurology* (2011) 76(3): 303 - 304 (PMID: [21242500](#)).

Grudzinska J: Charakterisierung der Ligandenbindung am α_1 homo- und $\alpha_1\beta$ heterooligomeren Glycinrezeptor. Thesis, Johann Wolfgang Goethe-Universität, Frankfurt am Main 2005

Grudzinska J, Schemm R, Haeger S, Nicke A, Schmalzing G, Betz H, Laube B. The beta subunit determines the ligand binding properties of synaptic glycine receptors. *Neuron* (2005); 45(5): 727 - 739 (PMID: [15748848](#)).

Hutchinson M, Waters P, McHugh J, Gorman G, O'Riordan S, Connolly S, Hager H, Yu P, Becker CM, Vincent A: Progressive encephalomyelitis, rigidity, and myoclonus: a novel glycine receptor antibody. *Neurology* (2008); 71(16): 1.291 - 1.292 (PMID: [18852446](#)).

Mas N, Saiz A, Leite MI, Waters P, Baron M, Castaño D, Sabater L, Vincent A, Graus F: Anti-glycine-receptor encephalomyelitis with rigidity. *J Neurol Neurosurg Psychiatry* (2011); 82(12): 1.399 - 1.401 (PMID: [21148607](#)).

McKeon A, Martinez-Hernandez E, Lancaster E, Matsumoto JY, Harvey RJ, McEvoy KM, Pittock SJ, Lennon VA, Dalmau J: Glycine Receptor Autoimmune Spectrum With Stiff-Man Syndrome Phenotype. *Arch Neurol* (2012); 22: 1 - 9 (PMID: [23090334](#)).

Iizuka T, Leite MI, Lang B, Waters P, Urano Y, Miyakawa S, Hamada J, Sakai F, Mochizuki H, Vincent A: Glycine receptor antibodies are detected in progressive encephalomyelitis with rigidity and myoclonus (PERM) but not in saccadic oscillations. *J Neurol* (2012) 259(8): 1.566 - 1.573 (PMID: [22215239](#)).

Legendre P, Förstera B, Jüttner R, Meier JC: Glycine Receptors Caught between Genome and Proteome - Functional Implications of RNA Editing and Splicing. *Front Mol Neurosci* (2009); 2: 23 (PMID: [19936314](#)).

Lynch JW: Molecular structure and function of the glycine receptor chloride channel. *Physiol Rev* (2004) 84(4): 1.051 - 1.095 (PMID: [15383648](#)).

Piotrowicz A, Thümen A, Leite MI, Vincent A, Moser A: A case of glycine-receptor antibody-associated encephalomyelitis with rigidity and myoclonus (PERM): clinical course, treatment and CSF findings. *J Neurol* (2011); 258(12): 2.268 - 2.270 (PMID: [21541785](#)).



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Turner MR, Irani SR, Leite MI, Nithi K, Vincent A, Ansorge O: Progressive encephalomyelitis with rigidity and myoclonus: glycine and NMDA receptor antibodies. *Neurology* (2011); 77(5): 439 - 443 (PMID: [21775733](#)).

Vincent A, Leite IM, Waters P, Jacobi C, Becker CM, Meinck HM: Glycine receptor antibodies in progressive encephalomyelitis with rigidity, hyperekplexia, and stiff-person syndrome. *Ann Neurol* (2009); 66, S50.