

TOMAS OLSSON PUBLICATIONS 2008**Peer-reviewed articles**

278. Khademi M, Stol M, Olsson T, Wallström E. Induction of TNF α Expression in Natalizumab treated Multiple Sclerosis. *Eur J Neurol*, 15(3):309-12, 2008.
279. Egesten A, Brandt L, Olsson T, Granath F, Inghammar M, Löfdahl C-G, Ekbom A. Increased risk of multiple sclerosis in a population suffering from chronic obstructive pulmonary disease and their first-degree relatives. *Lung*. 2008 May-Jun;186(3):173-8.
280. Kristjansdottir G, Sandling JK, Bonetti A, Roos IM, Milani L, Wang C, Gustafsdottir SM, Sigurdsson S, Lundmark A, Tienari PJ, Koivisto K, Elovaara I, Pirttilä T, Reunanen M, Peltonen L, Saarela J, Hillert J, Olsson T, Landegren U, Alcina A, Fernández O, Leyva L, Guerrero M, Lucas M, Izquierdo G, Matesanz F, Syvänen A. Interferon Regulatory Factor 5 (IRF5) Gene Variants are Associated with Multiple Sclerosis in Three Distinct Populations. *J Med Genet*. 2008 45(6):362-9.
281. * Dominguez C, Lidman O, Hao JX, Diez M, Tuncel J, Olsson T, Wiesenfeld-Hallin Z, Piehl F, Xu XJ. Genetic analysis of neuropathic pain-like behavior following peripheral nerve injury suggests a role of the major histocompatibility complex in development of allodynia. *Pain*, 2008 136(3):313-9.
282. Bereczky-Veress B, Lidman O, Sabri F, Bergström T, Spenger C, Olsson T, Piehl F, Diez M, Sköldenberg B. Host strain-dependent difference in susceptibility in a rat model of herpes simplex type 1 encephalitis *Neurovirology*, 2008; 14:102-1128.
283. Harnesk K, Swanberg M, Öckinger J, Diez M, Lidman O, Lobell A, Wallström E, Olsson T, Piehl F. *Vra4* congenic rats with allelic differences in the class II transactivator gene display altered susceptibility to experimental autoimmune encephalomyelitis. *J. Immunol.*, Mar 2008; 180: 3289 – 3296
284. International Multiple Sclerosis Genetics Consortium (IMSGC-65 contributors including Tomas Olsson). Refining genetic associations in multiple sclerosis. *Lancet Neurology* 2008; 7: 567-569.
285. Krakauer M, Sorensen P, Khademi M, Olsson T, Sellebjerg F. Increased IL-10 mRNA and IL-23 mRNA expression in multiple sclerosis-interferon- β treatment increases IL10 mRNA expression while reducing IL-23 mRNA expression. *Multiple Sclerosis* 2008;14: 622-630.
286. Dominguez CA, Li L, Lidman O, Olsson T, Wiesenfeld-Hallin Z, Piehl F, Xu XJ. Both MHC and non-MHC genes regulate development of experimental neuropathic pain in rats. *Neurosci Lett*. 2008;442(3):284-6.
287. Dominguez CA, Lidman O, Olsson T, Wiesenfeld-Hallin Z, Piehl F, Xu XJ. Contrasting genetic effects of major histocompatibility complex on ischemic peripheral nerve and spinal cord injury in female rats. *Neurosci Lett*. 2008 Oct 3;443(2):95-8.
288. Montgomery SM, Bahmanyar S, Hillert J, Ekbom A, Olsson T. Maternal smoking during pregnancy and multiple sclerosis among offspring. *Eur J Neurol*. 2008 Dec;15(12):1395-9.
289. Kappos L, Gold R, Miller DH, Macmanus DG, Havrdova E, Limmroth V, Polman CH, Schmierer K, Yousry TA, Yang M, Eraksoy M, Meluzinova E, Rektor I, Dawson

KT, Sandrock AW, O'Neill GN; BG-12 Phase IIb Study Investigators. Efficacy and safety of oral fumarate in patients with relapsing-remitting multiple sclerosis: a multicentre, randomised, double-blind, placebo-controlled phase IIb study. *Lancet*. 2008 Oct 25;372(9648):1463-72

290. Vogt M, Teunissen CE, Jacobaeus E, Heijnen P, Breij E, Olsson T, Brundin L, Killestein J, Dijkstra CD. CSF anti-myelin antibodies are related to MR measures of disease activity in multiple sclerosis. *J Neurol Neurosurg Psychiatry*. 2008 Oct 23.

Review articles, book chapters, books

Olsson T, Hillert J. The Genetics of Multiple Sclerosis and its Experimental Models. *Current Opinion in Neurology*, 2008; 21: 255-260.

Aitman T, Critser JK, Cuppen E, Fernandez XM, Geurts AM, Gould M, Harris PC, Holmdahl R, Hübner N, Izsvak Z, Jacob H, Kwitek AE, Marrone A, Mashimo T, Moreno-Quinn C, Mullins J, Mullins L, Olsson T, Riley L, Saar K, Serikawa T, Shull JD, Szpirer C, Voigt B and Worley K. Progress and prospects in rat genetics: a community view. *Nature Genetics*, 2008; 40:516-521.