

TOMAS OLSSON PUBLICATIONS 2012**Peer-reviewed articles**

296. Bäärnhielm M, Hedström AK, Kockum I, Sundqvist E, Gustafsson S, Hillert J, Olsson T# Alfredsson L#. Sun light is associated with decreased MS risk: no interaction with HLA-DRB1*15, *Eur J Neurol.* 2012 Jul;19(7):955-62. # **equal contribution**
297. Hedström AK, Olsson T#, Alfredsson L#. High body mass index before age 20 is associated with increased risk for MS in both men and women.#**Equal contribution.** *Mult Scler.* 2012 Sep;18(9):1334-6.
298. Ronninger M, Guo Y, Shchetynsky K, Hill A, Khademi M, Olsson T, Reddy PS, Seddighzadeh M, Clark JD, Lin LL, O'Toole M, Padyukov L The balance of expression of PTPN22 splice forms is significantly different in rheumatoid arthritis patients compared with controls. *Genome Med.* 2012 Jan 20;4(1):2. [Epub ahead of print]
299. Roshanisefat H, Bahmanyar S, Hillert J, Olsson T, Montgomery S. Shared genetic factors may not explain the raised risk of comorbid inflammatory diseases in multiple sclerosis. *Mult Scler.* 2012 Oct;18(10):1430-6 Mar 14. [Epub ahead of print]
300. Sundquist E, Sundström P, Linden M, Hedström AK, Aloisi F, Hillert J, Kockum I#, Alfredsson L#, Olsson T#. Lack of replication of interaction between EBNA1 IgGAb and smoking in the risk for multiples sclerosis. *Neurology*, 2012 Sep 25;79(13):1363-8.#equal contribution.
301. Freedman MS, Wolinsky JS, Wamil B, Confavreux C, Comi G, Kappos L, Olsson TP, Miller A, Benzerdjeb H, Li H, Simonson C, O'Connor PW; Teriflunomide Multiple Sclerosis Trial Group and the MRI Analysis Center. Teriflunomide added to interferon- β in relapsing multiple sclerosis: a randomized phase II trial. *Neurology.* 2012 Jun 5;78(23):1877-85
302. Adzemovic MZ, Ockinger J, Zeitelhofer M, Hochmeister S, Beyeen AD, Paulson A, Gillett A, Hedreul MT, Covacu R, Lassmann H, Olsson T, Jagodic M . Expression of Ccl11 Associates with Immune Response Modulation and Protection against Neuroinflammation in Rats. *PLoS One.* 2012;7(7):e39794. Epub 2012 Jul 16.
303. * Ho PP, Kanter JL Johnson AM, Srinagesh HK, Chang EJ, Purdy TM, van Haren KP, Wikoff WR, Kind T, Khademi M, Matloff LY, Narayana S, Mi Hur E, He Z, , Lindstrom TM, Han X, Fiehn O, Olsson T, Han MH, Steinman L, Robinson WH. I Identification of naturally occurring fatty acids of the myelin sheath that resolve neuroinflammation. *Science Translational Medicine*, 2012 Jun 6;4(137):.
304. * Elliott C, Lindner M, Arthur A, Brennan K, Jarius S, Hussey J, Chan A, Stroet A, Olsson T, Willison H, Barnett S Meinel E Linington C. Functional identification of pathogenic autoantibody responses in patients with multiple sclerosis. *Brain* 2012 Jun;135(Pt 6):1819-33
305. Devonshire V, Havrdova E, Radue EW, O'Connor P, Zhang-Auberson L, Agoropoulou C, Häring DA, Francis G, Kappos L; FREEDOMS study group. Relapse and disability outcomes in patients with multiple sclerosis treated with fingolimod: subgroup analyses of the double-blind, randomised, placebo-controlled. FREEDOMS study *Lancet Neurol.* 2012 May;11(5):420-8 2012 May;11(5):420-8 2012 May;11(5):420-8 **Minor contribution of T Olsson in study group.**

306. Azali P, Barbasso Helmers S, Kockum I, Olsson T, Alfredsson L, Charles PJ, Piehl Aulin K, Lundberg IE. Low serum levels of vitamin D in idiopathic inflammatory myopathies *Ann Rheum Dis*. 2012 Sep 19. [Epub ahead of print]
307. Link J, Kockum I, Lorentzen AR, Lie BA, Celius EG, Westerlind H, Schaffer M, Alfredsson L, Olsson T, Brynedal B, Harbo HF, Hillert J. Importance of Human Leukocyte Antigen (HLA) class I and II Alleles on the Risk of Multiple Sclerosis. *Plos One* 2012;7(5):e36779. Epub 2012 May 7.
308. Abdelmagid N, Bereczky-Veress B, Ortlieb A, Luhr K, Bergström T, Sköldenberg B, Piehl F, Olsson T#, Diez#. The Calcitonin Receptor Gene Is a Candidate for Regulation of Susceptibility to Herpes simplex Type 1 Neuronal Infection Leading to Encephalitis in Rat. *Plos Pathogens* 2012 Jun;8(6):e1002753. Epub 2012 Jun 28. **# equal contribution.**
309. Dominguez CA, Ström M, Gao T, Zhang L, Olsson T, Wiesenfeld-Hallin Z, Xu XJ, Piehl F. Genetic and sex influence on neuropathic pain-like behaviour after spinal cord injury in the rat. *Eur J Pain*. 2012 Nov;16(10):1368-77
310. Sellebjerg F, Krakauer M, Khademi M, Olsson T, Sørensen PS. FOXP3, CBLB and ITCH gene expression and cytotoxic T lymphocyte antigen 4 expression on CD4(+) CD25(high) T cells in multiple sclerosis. *Clin Exp Immunol*. 2012 Nov;170(2):149-55
311. Gonzalez H, Khademi M, Borg K, Olsson T. Intravenous immunoglobulin treatment of the post-polio syndrome: sustained effects on quality of life variables and cytokine expression after one year follow up. *J Neuroinflammation*. 2012 Jul 9;9:167.
312. Malmeström C, Gillett A, Jernås M, Khademi M, Axelsson M, Kockum I, Mattsson N, Zetterberg H, Blennow K, Alfredsson L, Wadenvik H, Lycke J, Olsson T, Olsson B. Serum levels of LIGHT in multiple sclerosis. *Multiple Sclerosis Journal*, on line 4 oct 2012.
313. Lundkvist M, Engdahl E, Holmén C, Movérare R, Olsson T, Hillert J, Fogdell-Hahn A. Characterization of anti-natalizumab antibodies in multiple sclerosis patients. *Mult Scler*. 2012 Oct 8. [Epub ahead of print]
314. Dominguez CA, Ström M, Gao T, Zhang L, **Olsson T**, Wiesenfeld-Hallin Z, Xu XJ, Piehl F. Genetic and sex influence on neuropathic pain-like behaviour after spinal cord injury in the rat. *Eur J Pain*. 2012 Apr 4. doi: 10.1002/j.1532-2149.2012.00144.x. [Epub ahead of print]
315. Miller AE, O'Connor P, Wolinsky JS, Confavreux C, Kappos L, Olsson TP, Truffinet P, Wang L, D'Castro L, Comi G, Freedman MS; for the Teriflunomide Multiple Sclerosis Trial Group. Pre-specified subgroup analyses of a placebo-controlled phase III trial (TEMPO) of oral teriflunomide in relapsing multiple sclerosis. *Mult Scler*. 2012 Sep 25. [Epub ahead of print]
316. Gyllenberg A, Asad S, Janer M, van Yserloo B, Hoehna JL, Rutledge EA Padyakov L, McNeney B, Graham J, Piehl F, Törn C, Orho-Melander M, Lindholm E, Fratiglioni L, Åkesson K, Landin-Olsson M, Cilio CM, Carlsson A, Lindlad B, Forsander G, Örtkvist E, Ludvigsson J, Marcus C, Ivarsson S, Lernmark Å, the Swedish Childhood diabetes group, the diabetes incidence in Sweden group, Olsson T, Kockum I. Age dependent variation of genotypes in major histocompatibility complex class II transactivator in controls, and association to type 1 diabetes. *Genes Immun*. 2012 Dec;13(8):632-40.

317. Ambrosi A, Salomonsson S, Eliasson H, Zeffer E, Skog A, Dzikaite V, Bergman G, Fernlund E, Tingström J, Theander E, Rydberg A, Skogh T, Öhman A, Lundström U, Mellander M, Winqvist O, Fored M, Ekblom A, Alfredsson L, Källberg H, Olsson T, Gadler F, Jonzon A, Kockum I, Sonesson SE, Wahren-Herlenius M. Development of heart block in children of SSA/SSB-autoantibody-positive women is associated with maternal age and displays a season-of-birth pattern. *Ann Rheum Dis.* 2012 Mar;71(3):334-40.
318. Ng JKM, Malotka J, Kawakami N, Derfuss T, Khademi M, Olsson T, Linington C, Odaka M, Tackenberg B, Prüss H, Schwab JM, Harms L, Harms H, Sommer C, Rasband MN, Eshed-Eisenbach Y, Peles E, Hohlfeld R, Yuki N, Dornmair K, Meinl E. Neurofascin as a target for autoantibodies in peripheral neuropathies. *Neurology.* 2012 Dec 4;79(23):2241-8
319. Lindén M, Khademi M, Lima Bomfim I, Piehl F, Jagodic M, Kockum I, Olsson T. Multiple sclerosis risk genotypes correlate with an elevated cerebrospinal fluid level of the suggested prognostic marker CXCL13. *Mult Scler.* 2012 Nov 22.
320. Dominguez CA, Kalliomäki M, Gunnarsson U, Moen A, Sandblom G, Kockum I, Lavant E, Olsson T, Nyberg F, Rygh LJ, Røe C, Gjerstad J, Gordh T, Piehl F. The DQB1(*03:02 HLA haplotype is associated with increased risk of chronic pain after inguinal hernia surgery and lumbar disc herniation. *Pain.* 2012 Dec 13. [Epub ahead of print]

Review articles, book chapters, books

Olsson T. Multiple Sclerosis: Gender Aspects. In *Gender book of Medicine* 2012.

Per Soelberg Sørensen, Antonio Bertolotto, Gilles Edan, Gavin Giovannoni, Ralf Gold, Eva Havrdova, Ludwig Kappos, Bernd C. Kieseier, Xavier Montalban, Tomas Olsson. Risk Stratification for Progressive Multifocal Leukoencephalopathy in Patients Treated With Natalizumab. *Multiple sclerosis*, 18(2),143-152, 2012.