

TOMAS OLSSON PUBLICATIONS 2010**Peer-reviewed articles**

296. Marta M, Stridh P, Becanovic K, Jagodic M, Ockinger J, Sheng JR, Nohra R, Lorentzen JC, Olsson T. Multiple loci comprising immune-related genes regulate experimental neurinflammation. *Genes and Immunity*, 2010, 11(1):21-36.
297. Strandberg L, Jagodic M, Ambrosi A, Dzikaite V, Salomonsson S, Ottosson L, Klauninger R, Åden U, Olsson T, Wahren-Herlenius M. Maternal MHC regulates generation of pathogenic antibodies and fetal MHC-encoded genes determine susceptibility in congenital heart block. *Journal of Immunology* 2010 15;185(6):3574-82
298. Nohra R, Beyeen A, Guo JP, Alfredsson L, Oturai A, Harbo H, Wallström E, Hillert J, Lorentzen J, Kockum I, Lorentzen J, Jagodic M, Olsson T. RGMA and IL21R associate to multiple sclerosis, proinflammatory cytokine production and experimental autoimmune disease. *Genes and Immunity*, 2010 Jun;11(4):279-93.
299. Öckinger J, Stridh P, Beyen A, Lundmark F, Seddighzadeh M, Oturai A, Lorentzen AR, Celius EG, Leppä V, Koivisto K, Tienari PJ, Alfredsson L, Padyukov L, Hillert J, Kockum I, Jagodic M*, Olsson T*. Genetic variants of CC chemokine genes in experimental autoimmune encephalomyelitis, multiple sclerosis and rheumatoid arthritis. *Genes and Immunity*, 2010; 11, 142-154 ***equal contribution**
300. Mero ILÖ, Lorentzen ÅR, Ban M, Smestad C, Celius EG, Aarseth JH, Myhr K M MD, Link J M, Hillert J, Olsson T, Kockum I, Masterman T, Oturai AB, Søndergaard HB, Sellebjerg F, Saarela J, Kempainen A, Elovaara I, Spurkland A, Dudbridge F, Lie BA, Harbo HF MD. A rare variant of the TYK2 gene is confirmed to be associated with multiple sclerosis, *Eur J Hum Gen.* 2010,18(4):502-4.
301. International Multiple Sclerosis Genetics Consortium (IMSGC), Booth DR, Heard RN, Stewart GJ, Cox M, Scott RJ, Lechner-Scott J, Goris A, Dobosi R, Dubois B, Saarela J, Leppä V, Peltonen L, Pirttila T, Courneau-Rebeix I, Fontaine B, Bergamaschi L, D'Alfonso S, Leone M, Lorentzen AR, Harbo HF, Celius EG, Spurkland A, Link J, Kockum I, Olsson T, Hillert J, Ban M, Baker A, Kempainen A, Sawcer S, Compston A, Robertson NP, De Jager PL, Hafler DA, Barcellos LF, Ivinson AJ, McCauley JL, Pericak-Vance MA, Oksenberg JR, Hauser SL, Sexton D, Haines J. *Nat Genet.* 2010 Jun;42(6):469-70.
302. International Multiple Sclerosis Genetics Consortium (IMSGC). *IL12A, MPOSPH9/CDK2AP1, and RGS1* are multiple sclerosis susceptibility loci. *Genes and Immunity*, 2010 Jul;11(5):397-405.
303. Gillett A, Marta M, Jin Tao, Tuncel J, Leclerc P, Nohra R, Lange S, Holmdahl R, Olsson T, Harris RA, Jagodic M. TNF production in macrophages is genetically determined and regulates inflammatory disease in rats, *J Immunol.* 2010 Jul 1;185(1):442-50.
304. Gillett A, Thessen Hedreul M, Khademi M, Espinosa A, Beyen AD, Jagodic M, Kockum I, Harris RA, Olsson T. Interleukin 18 Receptor 1 expression distinguishes MS patients. *Multiple Sclerosis*, 2010 Sep;16(9):1056-65.
305. Ottervald J, Franzén B, Nilsson K, Andersson LI, Khademi M, Eriksson B, Kjellström S, Marko-Varga G, Végvári A, Harris RA, Laurell T, Miliotis T,

- Matusevicius D, Salter H, Ferm M, Olsson T. Multiple Sclerosis: Identification and clinical evaluation of novel CSF biomarkers. *J Proteomics*. 2010 18;73, 1117-32.
306. Kappos L, Radue EW, O'Connor P, Polman C, Hohlfeld R, Calabresi P, Selmaj K, Agoropoulou C, Leyk M, Zhang-Auberson L, Burtin P; FREEDOMS Study Group. *N Engl J Med*. 2010 Feb 4;362(5):387-401.
307. Sundqvist E, Bäärnhielm M, Alfredsson L, Hillert J, Olsson T, Kockum I. Confirmation of association between multiple sclerosis and CYP27B1. *European J Human Genetics* 2010, 18(12):1349-52
308. Stridh P, Thessen Hedreul M, Beyeen AD, Adzemovic M, Gillett A, Marta M, Öckinger J, Lassmann H, Becanovic K, Jagodic M, Olsson T. Fine mapping resolves EAE 23 into two QTLs and implicates ZEB1 as a candidate gene regulating experimental neuroinflammation. *Plos One*, 2010;15;5 e12716
309. Beyeen AD, Zeitelhofer-Adzemovic M, Öckinger J, Stridh P, Becanovic K, Lassmann H, Harris R, Hillert J, Alfredsson L, Kockum I, Jagodic M, Olsson T. IL22RA2 associates with multiple sclerosis and macrophage effector mechanisms in experimental neuroinflammation. *Journal of Immunology* 2010;185(11):6883-90.

Review articles, book chapters, books

- Berger JR, Centonze D, Comi G, Confavreux C, Gold R, Hartung HP, Lublin F, Miravalle A, Montalban X, O'Connor P, Olsson T, Polman CH, Stuve O, Wolinski J, Ziemssen T. Considerations on discontinuing Natalizumab for the treatment of Multiple Sclerosis, *Annals of Neurology*, 2010 Sep;68(3):409-11
- Souberbielle JC, Body JJ, Lappe JM, Plebani M, Shoenfeld Y, Wang TJ, Bischoff-Ferrari HA, Cavalier E, Ebeling PR, Fardellone P, Gandini S, Gruson D, Gu'erin AP, Heckendorff L, Hollis BW, Ish-Shalom S, Jean G, von Landenberg P, Largura A, Olsson T, Pierrot-Deseilligny C, Pilz S, Tincani A, Valcour A, Zittermann A. Vitamin D and musculoskeletal health, cardiovascular disease, autoimmunity and cancer: recommendations for clinical practice. *Autoimmunity Reviews*, 2010 Sep;9(11):709-15
- Gonzalez H, Olsson T, Borg K Management of postpolio syndrome. *Lancet Neurol*. 2010 Jun;9(6):634-42. Review