

TOMAS OLSSON PUBLICATIONS 2011**Peer-reviewed articles**

296. Hedström AK, Sundqvist E, Bäärnhielm M, Hillert J, Kockum I, Olsson T*, Alfredsson L* .Smoking and two HLA genes interact to increase the risk for multiple sclerosis. *Brain* 2011, 134, 653-664 * **equal contribution**
297. Piehl F, Holmen C, Hillert J, Olsson T. Swedish natalizumab (Tysabri) surveillance study. *Neurol Sci.* 2011 Jan;31 Suppl 3:289-93
298. International Multiple Sclerosis Genetics Consortium; Wellcome Trust Case Control Consortium 2, Sawcer S, Hellenthal G, Pirinen M, Spencer CC, Patsopoulos NA, Moutsianas L, Dilthey A, Su Z, Freeman C, Hunt SE, Edkins S, Gray E, Booth DR, Potter SC, Goris A, Band G, Oturai AB, Strange A, Saarela J, Bellenguez C, Fontaine B, Gillman M, Hemmer B, Gwilliam R, Zipp F, Jayakumar A, Martin R, Leslie S, Hawkins S, Giannoulatou E, D'alfonso S, Blackburn H, Boneschi FM, Liddle J, Harbo HF, Perez ML, Spurkland A, Waller MJ, Mycko MP, Ricketts M, Comabella M, Hammond N, Kockum I, McCann OT, Ban M, Whittaker P, Kempainen A, Weston P, Hawkins C, Widaa S, Zajicek J, Dronov S, Robertson N, Bumpstead SJ, Barcellos LF, Ravindrarajah R, Abraham R, Alfredsson L, Ardlie K, Aubin C, Baker A, Baker K, Baranzini SE, Bergamaschi L, Bergamaschi R, Bernstein A, Berthele A, Boggild M, Bradfield JP, Brassat D, Broadley SA, Buck D, Butzkueven H, Capra R, Carroll WM, Cavalla P, Celius EG, Cepok S, Chiavacci R, Clerget-Darpoux F, Clysters K, Comi G, Cossburn M, Cournu-Rebeix I, Cox MB, Cozen W, Cree BA, Cross AH, Cusi D, Daly MJ, Davis E, de Bakker PI, Debouverie M, D'hooghe MB, Dixon K, Dobosi R, Dubois B, Ellinghaus D, Elovaara I, Esposito F, Fontenille C, Foote S, Franke A, Galimberti D, Ghezzi A, Glessner J, Gomez R, Gout O, Graham C, Grant SF, Guerini FR, Hakonarson H, Hall P, Hamsten A, Hartung HP, Heard RN, Heath S, Hobart J, Hoshi M, Infante-Duarte C, Ingram G, Ingram W, Islam T, Jagodic M, Kabesch M, Kermod AG, Kilpatrick TJ, Kim C, Klopp N, Koivisto K, Larsson M, Lathrop M, Lechner-Scott JS, Leone MA, Leppä V, Liljedahl U, Bomfim IL, Lincoln RR, Link J, Liu J, Lorentzen AR, Lupoli S, Macciardi F, Mack T, Marriott M, Martinelli V, Mason D, McCauley JL, Mentch F, Mero IL, Mihalova T, Montalban X, Mottershead J, Myhr KM, Naldi P, Ollier W, Page A, Palotie A, Pelletier J, Piccio L, Pickersgill T, Piehl F, Pobywajlo S, Quach HL, Ramsay PP, Reunanen M, Reynolds R, Rioux JD, Rodegher M, Roesner S, Rubio JP, Rückert IM, Salvetti M, Salvi E, Santaniello A, Schaefer CA, Schreiber S, Schulze C, Scott RJ, Sellebjerg F, Selmaj KW, Sexton D, Shen L, Simms-Acuna B, Skidmore S, Sleiman PM, Smestad C, Sørensen PS, Søndergaard HB, Stankovich J, Strange RC, Sulonen AM, Sundqvist E, Syvänen AC, Taddeo F, Taylor B, Blackwell JM, Tienari P, Bramon E, Tourbah A, Brown MA, Tronczynska E, Casas JP, Tubridy N, Corvin A, Vickery J, Jankowski J, Villoslada P, Markus HS, Wang K, Mathew CG, Wason J, Palmer CN, Wichmann HE, Plomin R, Willoughby E, Rautanen A, Winkelmann J, Wittig M, Trembath RC, Yaouanq J, Viswanathan AC, Zhang H, Wood NW, Zuvich R, Deloukas P, Langford C, Duncanson A, Oksenberg JR, Pericak-Vance MA, Haines JL, **Olsson T**, Hillert J, Ivinson AJ, De Jager PL, Peltonen L, Stewart GJ, Hafler DA, Hauser SL, McVean G, Donnelly P, Compston A. Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. *Nature.* 2011 Aug 10;476(7359):214-9
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- Gärtner J, Pohl D, Rostasy K, Weber F, Forne I, Khademi M, Olsson T, Brilot F, Tantsis E, Dale RC, Wekerle H, Hohlfeld R, Banwell B, Bar-Or A, Meinl E, Derfuss T. Antibodies to MOG are transient in childhood acute disseminated encephalomyelitis. *Neurology*. 2011 Aug 9;77(6):580-8
300. Gunnarsson M, Malmeström C, Axelsson M, Sundström P, Dahle C, Vrethem M, Olsson T, Piehl F, Norgren N, Rosengren L, Svenningsson A, Lycke J. Axonal damage in multiple sclerosis is markedly reduced by natalizumab treatment. *Annals of Neurology*, 2011, 69, 83-89.
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304. Börnsen L, Khademi M, Olsson T, Sørensen PS, Sellebjerg F. Osteopontin concentrations are increased in cerebrospinal fluid during attacks of multiple sclerosis *Mult Scler*. 2011, 17, 32-42.
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306. Holmen C, Piehl F, Hillert J, Fogdell-Hahn A, Lundqvist M, Karlberg E, Nilsson P, Dahle C, Feltelius N, Svenningsson A, Lycke J, Olsson T. A Swedish national post-marketing surveillance study of natalizumab treatment in multiple sclerosis. *Multiple Sclerosis*. 2011 Jun;17(6):708-19
307. Sundqvist E, Sundström P, Linden M, Hedström AK, Aloisi F, Hillert J, Alfredsson L#, Kockum I#, Olsson T #, Epstein-Barr virus and multiple sclerosis: interaction with HLA. *Genes Immun*. 2012 Jan;13(1):14-20. # **equal contribution**.
308. * Ambrosi A, Salomonsson S, Eliasson H, Zeffner E, Dzikaite D, Bergman G, Fernlund E, Theander E, Ryberg A, Skog T, Wällberg-Jonsson S, Öhman A, Fored M, Blomqvist P, Ekbohm A, Lundström U, Mellander M, Winqvist O, Olsson T, Gadler F, Jonzon A, Kockum I, Sonesson SE, Wahren-Herlenius M. Development of heartblock in SSA/SSB autoantibody-positive pregnancies is associated with maternal age and display a season-of-birth pattern. *Ann Rheum Dis*. 2011 Sep 27. [Epub ahead of print].
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316. Hedström AK, Bäärnhielm M, Olsson T#, Alfredsson L#. Exposure to environmental tobacco smoke is associated with increased risk for multiple sclerosis. *Mult Scler.* 2011 Jul;17(7):788-93.#**equal contribution.**
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Review articles, book chapters, books

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Hartung HP, Montalban X, Soelberg Sorensen P, Vermersch P, Olsson T. Principles of a new treatment algorithm in multiple sclerosis. Expert Rev Neurotherap 11, 351-362, 2011.

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