

MS-registrets publikationslista 2019

2019

Alping, P., Piehl, F., Langer-Gould, A., Frisell, T. & Group, C.-M. S. (2019) Validation of the Swedish Multiple Sclerosis Register: Further Improving a Resource for Pharmacoepidemiologic Evaluations. *Epidemiology*, 30(2), 230-233.

Beiki, O., Frumento, P., Bottai, M., Manouchehrinia, A. & Hillert, J. (2019) Changes in the Risk of Reaching Multiple Sclerosis Disability Milestones In Recent Decades: A Nationwide Population-Based Cohort Study in Sweden. *JAMA Neurol*, 76(6), 665-671.

Binzer, S., McKay, K. A., Brenner, P., Hillert, J. & Manouchehrinia, A. (2019) Disability worsening among persons with multiple sclerosis and depression: A Swedish cohort study. *Neurology*, 93(24), e2216-e2223.

Boremalm, M., Juto, A., Axelsson, M., Novakova, L., Frisell, T., Svenningsson, A., Lycke, J., Piehl, F. & Salzer, J. (2019) Natalizumab, rituximab and fingolimod as escalation therapy in multiple sclerosis. *Eur J Neurol*, 26(8), 1060-1067.

Burkill, S., Montgomery, S., Kockum, I., Piehl, F., Strid, P., Hillert, J., Alfredsson, L., Olsson, T. & Bahmanyar, S. (2019a) The association between multiple sclerosis and pain medications. *Pain*, 160(2), 424-432.

Burkill, S., Vattulainen, P., Geissbuehler, Y., Sabido Espin, M., Popescu, C., Suzart-Woischnik, K., Hillert, J., Artama, M., Verkkoniemi-Ahola, A., Myhr, K. M., Cnattingius, S., Korhonen, P., Montgomery, S. & Bahmanyar, S. (2019b) The association between exposure to interferon-beta during pregnancy and birth measurements in offspring of women with multiple sclerosis. *PLoS One*, 14(12), e0227120.

Carlström, K. E., Ewing, E., Granqvist, M., Gyllenberg, A., Aeinehband, S., Enoksson, S. L., Checa, A., Badam, T. V. S., Huang, J., Gomez-Cabrero, D., Gustafsson, M., Al Nimer, F., Wheelock, C. E., Kockum, I., Olsson, T., Jagodic, M. & Piehl, F. (2019) Therapeutic efficacy of dimethyl fumarate in relapsing-remitting multiple sclerosis associates with ROS pathway in monocytes. *Nat Commun*, 10(1), 3081.

Castelo-Branco, A., Landfeldt, E., Svedbom, A., Löfroth, E., Kavaliunas, A. & Hillert, J. (2019) Clinical course of multiple sclerosis and labour-force absenteeism: a longitudinal population-based study. *Eur J Neurol*, 26(4), 603-609.

I. M. S. G. C. E. a. & Consortium, I. M. S. G. (2019) Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. *Cell*, 178(1), 262.

Crielaard, L., Kavaliunas, A., Ramanujam, R., Olsson, T., Hillert, J., Stridh, P., Kockum, I. & Manouchehrinia, A. (2019) Factors associated with and long-term outcome of benign multiple sclerosis: a nationwide cohort study. *J Neurol Neurosurg Psychiatry*, 90(7), 761-767.

Eden, D., Gros, C., Badji, A., Dupont, S. M., De Leener, B., Maranzano, J., Zhuoquiong, R., Liu, Y., Granberg, T., Ouellette, R., Stawiarz, L., Hillert, J., Talbott, J., Bannier, E., Kerbrat, A., Edan, G., Labauge, P., Callot, V., Pelletier, J., Audoin, B., Rasoanandrianina, H., Brisset, J. C., Valsasina, P., Rocca, M. A., Filippi, M., Bakshi, R., Tauhid, S., Prados, F., Yiannakas, M., Kearney, H., Ciccarelli, O., Smith, S. A., Andrada Treaba, C., Mainero, C., Lefevre, J., Reich, D. S., Nair, G., Shepherd, T. M., Charlson, E., Tachibana, Y., Hori, M., Kamiya, K., Chougar, L., Narayanan, S. & Cohen-Adad, J. (2019) Spatial distribution of multiple sclerosis lesions in the cervical spinal cord. *Brain*, 142(3), 633-646.

Evans, E., Levasseur, V., Cross, A. H. & Piccio, L. (2019) An overview of the current state of evidence for the role of specific diets in multiple sclerosis. *Mult Scler Relat Disord*, 36, 101393.

Glaser, A., Stahmann, A., Meissner, T., Flachenecker, P., Horáková, D., Zaratin, P., Bricchetto, G., Pugliatti, M., Rienhoff, O., Vukusic, S., de Giacomoni, A. C., Battaglia, M. A., Broła, W., Butzkueven, H., Casey, R.,

Drulovic, J., Eichstädt, K., Hellwig, K., Iaffaldano, P., Ioannidou, E., Kuhle, J., Lycke, K., Magyari, M., Malbaša, T., Middleton, R., Myhr, K. M., Notas, K., Orogas, A., Otero-Romero, S., Pekmezovic, T., Sastre-Garriga, J., Seelldrayers, P., Soilu-Hänninen, M., Stawiarz, L., Trojano, M., Ziemssen, T., Hillert, J. & Thalheim, C. (2019) Multiple sclerosis registries in Europe - An updated mapping survey. *Mult Scler Relat Disord*, 27, 171-178.

Gros, C., De Leener, B., Badji, A., Maranzano, J., Eden, D., Dupont, S. M., Talbott, J., Zhuoquiong, R., Liu, Y., Granberg, T., Ouellette, R., Tachibana, Y., Hori, M., Kamiya, K., Chougar, L., Stawiarz, L., Hillert, J., Bannier, E., Kerbrat, A., Edan, G., Labauge, P., Callot, V., Pelletier, J., Audoin, B., Rasoanandrianina, H., Brisset, J. C., Valsasina, P., Rocca, M. A., Filippi, M., Bakshi, R., Tauhid, S., Prados, F., Yiannakas, M., Kearney, H., Ciccarelli, O., Smith, S., Treaba, C. A., Mainero, C., Lefeuvre, J., Reich, D. S., Nair, G., Auclair, V., McLaren, D. G., Martin, A. R., Fehlings, M. G., Vahdat, S., Khatibi, A., Doyon, J., Shepherd, T., Charlson, E., Narayanan, S. & Cohen-Adad, J. (2019) Automatic segmentation of the spinal cord and intramedullary multiple sclerosis lesions with convolutional neural networks. *Neuroimage*, 184, 901-915.

Gyllensten, H., Kavaliunas, A., Murley, C., Alexanderson, K., Hillert, J., Tinghög, P. & Friberg, E. (2019) Costs of illness progression for different multiple sclerosis phenotypes: a population-based study in Sweden. *Mult Scler J Exp Transl Clin*, 5(2), 2055217319858383.

Juto, A., Fink, K., Al Nimer, F. & Piehl, F. (2019) Interrupting rituximab treatment in relapsing-remitting multiple sclerosis; no evidence of rebound disease activity. *Mult Scler Relat Disord*, 37, 101468.

Kavaliunas, A., Danylaite Karrenbauer, V., Gyllensten, H., Manouchehrinia, A., Glaser, A., Olsson, T., Alexanderson, K. & Hillert, J. (2019a) Cognitive function is a major determinant of income among multiple sclerosis patients in Sweden acting independently from physical disability. *Mult Scler*, 25(1), 104-112.

Kavaliunas, A., Tinghög, P., Friberg, E., Olsson, T., Alexanderson, K., Hillert, J. & Karrenbauer, V. D. (2019b) Cognitive function predicts work disability among multiple sclerosis patients. *Mult Scler J Exp Transl Clin*, 5(1), 2055217318822134.

Linden, J., Granåsen, G., Salzer, J., Svenningsson, A. & Sundström, P. (2019) Inflammatory activity and vitamin D levels in an MS population treated with rituximab. *Mult Scler J Exp Transl Clin*, 5(1), 2055217319826598.

Luna, G., Alping, P., Burman, J., Fink, K., Fogdell-Hahn, A., Gunnarsson, M., Hillert, J., Langer-Gould, A., Lycke, J., Nilsson, P., Salzer, J., Svenningsson, A., Vrethem, M., Olsson, T., Piehl, F. & Frisell, T. (2019) Infection Risks Among Patients With Multiple Sclerosis Treated With Fingolimod, Natalizumab, Rituximab, and Injectable Therapies. *JAMA Neurol*.

Mahamud, Z., Burman, J. & Zelano, J. (2019) Prognostic impact of epilepsy in multiple sclerosis. *Mult Scler Relat Disord*, 38, 101497.

Manouchehrinia, A., Zhu, F., Piani-Meier, D., Lange, M., Silva, D. G., Carruthers, R., Glaser, A., Kingwell, E., Tremlett, H. & Hillert, J. (2019) Predicting risk of secondary progression in multiple sclerosis: A nomogram. *Mult Scler*, 25(8), 1102-1112.

McKay, K. A., Ernstsson, O., Manouchehrinia, A., Olsson, T. & Hillert, J. (2019a) Determinants of quality of life in pediatric- and adult-onset multiple sclerosis. *Neurology*.

McKay, K. A., Hillert, J. & Manouchehrinia, A. (2019b) Long-term disability progression of pediatric-onset multiple sclerosis. *Neurology*, 92(24), e2764-e2773.

McKay, K. A., Manouchehrinia, A., Berrigan, L., Fisk, J. D., Olsson, T. & Hillert, J. (2019c) Long-term Cognitive Outcomes in Patients With Pediatric-Onset vs Adult-Onset Multiple Sclerosis. *JAMA Neurol*.

Murley, C., Friberg, E., Hillert, J., Alexanderson, K. & Yang, F. (2019) Validation of multiple sclerosis diagnoses in the Swedish National Patient Register. *Eur J Epidemiol*.

Song, J., Westerlind, H., McKay, K. A., Almqvist, C., Stridh, P., Kockum, I., Hillert, J. & Manouchehrinia, A. (2019) Familial risk of early- and late-onset multiple sclerosis: a Swedish nationwide study. *J Neurol*, 266(2), 481-486.