

Team5 - 2025

2025-12-15

Original Articles

- 1 - High-Dose Vitamin D in Clinically Isolated Syndrome Typical of Multiple Sclerosis: The D-Lay MS Randomized Clinical Trial. Thouvenot E, Laplaud D, Lebrun-Frenay C, Derache N, Le Page E, Maillart E, Froment-Tilikete C, Castelnovo G, Casez O, Coustans M, Guennoc AM, Heinzlef O, Magy L, Nifle C, Ayrignac X, Fromont A, Gaillard N, Caucheteux N, Patry I, De Sèze J, Deschamps R, Clavelou P, Biotti D, Edan G, Camu W, Agherbi H, Renard D, Demattei C, Fabbro-Peray P, Mura T, Rival M; D-Lay MS Investigators. **2025** *JAMA*. PMID [40063041](#)
- 2 - Digital Representation of Patients as Medical Digital Twins: Data-Centric Viewpoint. Demuth S, De Sèze J, Edan G, Ziemssen T, Simon F, Gourraud PA. **2025** *JMIR Med Inform*. PMID [39881430](#)
- 3 - Blood immunophenotyping of multiple sclerosis patients at diagnosis identifies a classical monocyte subset associated to disease evolution. Rodriguez S, Couloume L, Ferrant J, Vince N, Mandon M, Jean R, Monvoisin C, Leonard S, Le Gallou S, Silva NSB, Bourguiba-Hachemi S, Laplaud D, Garcia A, Casey R, Zephir H, Kerbrat A, Edan G, Lepage E, Thouvenot E, Ruet A, Mathey G, Gourraud PA, Tarte K, Delaloy C, Amé P, Roussel M, Michel L. **2025** *Front Immunol*. PMID [39845960](#)
- 4 - Pregnancy and birth outcomes in women with multiple sclerosis: Comparison of the RESPONSE study to the general French population. Maillart E, Rollot F, Leray E, Benyahya L, Bourre B, Carra-Dallière C, Casey R, Deiva K, Girod C, Guennoc AM, Marignier R, Labauge P, Bensa C, De Sèze J, Berger E, Biotti D, Bresch S, Thouvenot E, Moreau T, Derache N, Zéphir H, Le Page E, Clavelou P, Casez O, Laplaud D, Kwiatkowski A, Grosset-Janin C, Pittion-Vouyovitch S, Ruet A, Dos Santos A, Robert-Varvat F, Morel N, Lebrun-Frenay C, Vukusic S. **2025** *Mult Scler*. PMID [40099810](#)
- 5 - Evaluation of the predictive value of CSF-restricted oligoclonal bands on residual disability and risk of relapse in adult patients with MOGAD: MOGADOC study. Ramdani R, Pique J, Deschamps R, Ciron J, Maillart E, Audoin B, Cohen M, Zephir H, Laplaud D, Ayrignac X, Collongues N, Ruet A, Thouvenot E, Bourre B, Papeix C, Benyahya L, Marignier R; NOMADMUS Study Group. **2025** *Mult Scler*. PMID [39812323](#)
- 6 - Incomplete elimination of viral genomes is associated with chronic inflammation in nonhuman primate livers after AAV-mediated gene transfer. Pichard V, Guilbaud M, Devaux M, Jaulin N, Journou M, Cospolite M, Garcia A, Ferry N, Michalak-Provost S, Gernoux G, Adjali O. **2025** *Gene Ther*. PMID [39838066](#)
- 7 - LymphoTEC: a Retrospective Real-World Study on Lymphocyte Reconstitution After Lymphopenia in Patients with Multiple Sclerosis Treated with Dimethyl Fumarate in France. de Sèze J, Labauge P, Liblau R, Martinez M, Moreau T, Suchet L, Vermersch P, Vukusic S, Mathey G, Michel L, Ciron J, Ruet A, Maillart E, Zephir H, Papeix C, Defer G, Cohen M, Laplaud DA, Berger E, Clavelou P, Thouvenot E, Heinzlef O, Pelletier J, Giannesini C, Casez O, Bourre B, Wahab A, Magy L, Camdessanché JP, Doghri I, Labeyrie C, Hankiewicz K, Neau JP, Pottier C, Dobay P, Li H, Levin S, Gros M, Ruiz M, Rollot F. **2025** *Adv Ther*. PMID [39969782](#)
- 8 - Prognostic factors of disability progression in multiple sclerosis in real life: the OFSEP-high definition (OFSEP-HD) prospective cohort in France. Francis G, Romain C, Jonathan E, Yohann F, David L, Hamza A, Fabien R, Emmanuelle L, Sandra V; OFSEP-HD investigators. **2025** *BMJ Open*. PMID [40194873](#)
- 9 - Stratifying Multiple Sclerosis Susceptibility Risk: The Role of HLA-E*01 and Infectious Mononucleosis in a Population Cohort. Nova A, Gentilini D, Di Caprio G, Bourguiba-Hachemi S, Vince N, Gourraud PA, Bernardinelli L, Fazio T. **2025** *Eur J Neurol*. PMID [40192262](#)
- 10 - Secondary progression activity monitoring in MS despite an early highly active treatment the SPAM study. Cohen M, Rollot F, Debouverie M, Zephir H, Vukusic S, De Seze J, Labauge P, Landes-Chateau C, Mondot L, Levraut M, Ruet A, Berger E, Laplaud D, Ciron J, Bourre B, Le Page E, Papeix C, Thouvenot E, Al Khedr A,

- Stankoff B, Pelletier J, Maillart E, Casez O, Moreau T, Defer G, Clavelou P, Cabre P, Moulin S, Neau JP, Zedet M, Hankiewicz K, Doghri I, Nasr HB, Pottier C, Magy L, Boulous DD, Heinzlef O, Camdessanche JP, Coustans M, Nifle C, Brassat D, Casey R, Lebrun-Frenay C; OFSEP and SFSEP study groups. **2025** *Eur J Neurol*. PMID [40312884](#)
- 11 - Use of Disease-Modifying Therapies in Patients With Late-Onset Multiple Sclerosis. Robin C, Rollot F, Lefort M, Casey R, Vukusic S, Mathey G, Ciron J, De Seze J, Stankoff B, Maillart E, Ruet A, Labauge PM, Kwiatkowski A, Zephir H, Papeix C, Defer G, Lebrun-Frenay C, Moreau T, Laplaud DA, Berger E, Clavelou P, Thouvenot E, Heinzlef O, Pelletier J, Casez O, Bourre B, Wahab A, Magy L, Moulin S, Camdessanche JP, Doghri I, Sarov M, Hankiewicz K, Pottier C, Dos Santos A, Manchon E, Tchikviladze M, Nifle C, Kerbrat A, Edan G, Le Page E, Michel L; as the OFSEP Investigators. **2025** *Neurology*. PMID [40669026](#)
- 12 - Target trial emulation to replicate randomised clinical trials using registry data in multiple sclerosis. Gavoille A, Nourredine M, Rollot F, Casey R, Mathey G, Kerbrat A, Ciron J, De Sèze J, Stankoff B, Maillart E, Ruet A, Labauge P, Kwiatkowski A, Zephir H, Papeix C, Defer G, Lebrun-Frenay C, Moreau T, Laplaud DA, Berger E, Clavelou P, Thouvenot E, Heinzlef O, Pelletier J, Al Khedr A, Casez O, Bourre B, Wahab A, Magy L, Moulin S, Camdessanché JP, Doghri I, Sarov M, Hankiewicz K, Pottier C, Dos Santos A, Manchon E, Tchikviladze M, Rabilloud M, Subtil F, Vukusic S. **2025** *J Neurol Neurosurg Psychiatry*. PMID [40908119](#)
- 13 - MEK inhibition prevents human skin graft rejection by promoting CD8+TCF1+ over CD8 effector T cells. Chauveau C, Nèrrière-Daguin V, Fourny M, Fourgeux C, Larcher T, Delbos L, Braud M, Brusselle L, Rousseau O, Poschmann J, Verdier J, Haspot F, Blancho G, Ville S. **2025** *iScience*. PMID [40894910](#)
- 14 - Intrathecal Anti-Akkermansia muciniphila IgG Responses in Multiple Sclerosis Patients Linked to CSF Immune Cells and Disease Activity. Cruciani C, Mathé C, Puthenparampil M, Tomas-Ojer P, Docampo MJ, Opfer R, Jelcic I, Nicot AB, Laplaud DA, Martin R, Sospedra M, Berthelot L. **2025** *J Clin Med*. PMID [40869597](#)
- 15 - Therapeutic Management During Pregnancy and Relapse Risk in Women With Multiple Sclerosis. Gavoille A, Rollot F, Casey R, Mathey G, Le Page E, Ciron J, De Sèze J, Ruet A, Maillart E, Labauge P, Zephir H, Kwiatkowski A, Papeix C, Defer G, Lebrun-Frenay C, Moreau T, Laplaud DA, Berger E, Dubessy AL, Clavelou P, Thouvenot E, Heinzlef O, Pelletier J, Al-Khedr A, Casez O, Bourre B, Wahab A, Magy L, Moulin S, Camdessanché JP, Doghri I, Sarov-Riviere M, Hankiewicz K, Pottier C, Dos Santos A, Nifle C, Subtil F, Vukusic S; OFSEP Investigators. **2025** *JAMA Neurol*. PMID [40758347](#)
- 16 - Allosteric Mechanisms Triggering Substrate and Cofactor Binding in the SULT1A1 Dimer as Revealed by Molecular Dynamics Simulations. Toth D, Dudas B, Nicot AB, Miteva MA, Balog E. **2025** *J Chem Inf Model*. PMID [41024517](#)
- 17 - Evaluating how different versions of ChatGPT align with expert opinions on geriatric script concordance tests. Lilamand M, Decaix T, Gourraud PA, Dufour R, Gavazzi G, Boaddaert J, Roubaud-Baudron C, Vallet H, Annweiler C, Chapelet G. **2025** *Eur Geriatr Med*. PMID [41114883](#)
- 18 - Influence of geographical accessibility to specialist and primary care givers on excess mortality of multiple sclerosis patients in France. Wilson S, Leray E, Calocer F, Rollot F, Fauvernier M, Remontet L, Launay L, Vukusic S, Le Page E, Debouverie M, Ciron J, Ruet A, Seze J, Zephir H, Moreau T, Laplaud DA, Lebrun-Frenay C, Clavelou P, Labauge P, Berger E, Pelletier J, Heinzlef O, Thouvenot E, Camdessanché JP, Arnaud C, Derache N, Branger P, Guittet L, Defer G, Dejardin O. **2025** *BMC Neurol*. PMID [41146063](#)
- 19 - Clinical Characteristics, Symptoms, and Long-Term Outcomes in Gitelman Syndrome. Wieërs MLAJ, Allard L, D'Ambrosio V, Arango-Sancho P, de Baaij JHF, Becherucci F, Bertholet-Thomas A, Besouw M, Blanchard A, Cacciapuoti M, Carbone V, Cornelissen EA, Daffara F, Degenhardt J, Devuyst O, Dorresteyn E, Evans R, Figueres L, Fila M, Giliberti M, Gillion V, Haumann S, Hawkins-van der Cingel G, Houillier P, Hureaux M, Knauf F, Knebelmann B, Konrad M, Kwon T, Lemoine S, Longo G, Nijenhuis T, Engberink RHGO, Duro HR, Saadé C, Sayer JA, Schlingmann KP, Simon T, Speckaert MM, Tan HL, Trepiccione F, Vargas-Poussou R, Veligratti F, Walsh SB, Salih M, Imenez Silva PH, Hoorn EJ; Gitelman Survey Study. **2025** *Kidney Int Rep*. PMID [41278357](#)

Review, Editorial, Comments

- 1 - Editorial: Gut feelings: investigating the link between microbiota and kidney disease progression. Speckaert MM, Berthelot L **2025** *Front Immunol*. PMID [40134433](#)