

Team5 - 2026

2026-09-06

Original Articles

- 1 - Genome-wide association study reveals two novel genetic loci associated with chronic lung allograft dysfunction. Brocard S, Mauduit V, Morin M, Boussamet L, Dos Santos Brito Silva N, Durand A, Halitim P, Renaud-Picard B, Coiffard B, Demant X, Falque L, Le Pavec J, Roux A, Villeneuve T, Knoop C, Merveilleux C, Salpin M, Carlier N, Gourraud PA, Magnan A, Lair D, Berthelot L, Südholt M, Vince N, Tissot A, Limou S; COLT consortium. **2026** *J Heart Lung Transpl.* PMID [41864285](#)
- 2 - Treatment Discontinuation in Patients With Myelin Oligodendrocyte Glycoprotein Antibody-Associated Disease. Boudot de la Motte M, Gavaille A, Papeix C, Audoin B, Ayrignac X, Bourre B, Ciron J, Cohen M, Collongues N, Laplaud DA, Maillart E, Michel L, Pique J, Ruet A, Thouvenot E, Zephir H, Aboab J, Moreau T, Mathey G, Froment C, Mélé N, Casez O, Branger P, Kerschen P, Al Khedr A, Maurousset A, Berger E, Moulin M, Clavelou P, Lommers E, Sarov M, Cantagrel P, Megherbi H, Hankiewicz K, Ahle G, Magy L, Giannesini C, Cabasson S, Tourniaire P, Montcuquet A, Creange A, Pegat B, Delpont B, Casey R, Bonjour M, Benyahya L, Deschamps R, Marignier R; NOMADMUS group. **2026** *JAMA Neurol.* PMID [41870439](#)
- 3 - Progression independent of relapse and MRI activity and treatment strategies in multiple sclerosis. Rollot F, Casey R, Kerbrat A, Edan G, Le Page E, Vukusic S, Mathey G, Maillart E, De Sèze J, Ciron J, Ruet A, Labauge P, Papeix C, Zephir H, Lebrun-Frenay C, Defer G, Moreau T, Berger E, Clavelou P, Heinzlef O, Thouvenot E, Pelletier J, Casez O, Bourre B, Wahab A, Moulin S, Kwiatkowski A, David T, Magy L, Camdessanché JP, Doghri I, Dos Santos A, Hankiewicz K, Sarov Riviere M, Manchon E, Pottier C, Tchikviladze M, Scherer Gagou C, Dahan C, Durozard P, Laplaud DA, Michel L. **2026** *Brain.* PMID [41689266](#)
- 4 - Genetic Determinants of Multiple Sclerosis Susceptibility in People From Diverse Ancestral Backgrounds. Jacobs BM, Schalk L, Tregaskis-Daniels E, Scalfari A, Nandoskar A, Dunne A, Gran B, Mein CA, Sellers C, Spilker CE, Rog DJ, Visentin E, Bezzina EL, Uzochukwu E, Tallantyre EC, Wozniak E, Sacre E, Hassan-Smith G, Ford HL, Harris J, Bradley J, Breedon J, Brooke J, Kreft KL, George K, Papachatzaki MM, O'Malley M, Peter M, Mattoscio M, Azzopardi L, Oliveira R, Rhule N, Evangelou N, Vinod N, Quinn O, Ali F, Shamji R, Kaimal R, Boulton R, Tanveer R, Tuite-Dalton K, Middleton RM, Murray R, Bellfield R, Hoque S, Patel S, Raj S, Gumus S, Mitchell S, Sawcer SJ, Arun T, Pogreban T, Brown TL, Begum T, Antoine V, Rashid W, Fawehinmi G, Reidy C, Begum S, Bernard Healey SA, Cummins H, Westwood K, Spencer D, Farooq S, Harding KE, Williams S, Radford G, White S, Alldred-Douglas N, Fernandes L, Harroud A, McCauley JL, Beecham A, Vince N, Dos Santos Brito Silva N, Morris HR, Silber E, Giovannoni G, Noyce AJ, Dobson R. **2026** *Neurology.* PMID [41791023](#)
- 5 - A bidirectional two-sample Mendelian randomization study of immune responses against Epstein-Barr virus nuclear antigen 1 and multiple sclerosis in individuals of European ancestry. Nova A, Di Caprio G, Gentilini D, Bernardinelli L, Bourguiba-Hachemi S, Vince N, Gourraud PA, Fazia T. **2026** *Mult Scler J.* PMID [41807267](#)
- 6 - IgA-Producing B Cells Exert Regulatory Function Through Granzyme B in Kidney Allograft Tolerance. Berthelot L, Degauque N, Cappellet L, Sailliet N, Mathé C, Brinas F, Dupuy A, Boussamet L, Tilly G, Colas L, Chesneau M, Kerleau C, Giral M, Danger R, Le Mai H, Yeremenko N, Brouard S; Divat Consortium. **2026** *Kidney360.* PMID [41591822](#)
- 7 - Human Blood IgA+ Memory B Cells Differ From IgG+ B Cells by Expressing Gut-Homing and Regulatory Markers. Le Gal L, Boussamet L, Garcia A, Morille J, Dugast E, Nicot AB, Laplaud DA, Berthelot L. **2026** *Eur J Immunol.* PMID [42036774](#)
- 8 - Preserving Neurological Function in People at High and Low Risk of Aggressive Multiple Sclerosis: An Observational Cohort Study. Roos I, Sharmin S, Ozakbas S, Alroughani R, Eichau S, Grand'Maison F, Boz C, Lechner-Scott J, Buzzard K, Prat A, Khoury SJ, Grammond P, van der Walt A, Blanco Y, Foschi M, Soysal A, Barnett M, Prevost J, Terzi M, Gerlach O, Macdonell R, Sa MJ, Spitaleri D, Laureys G, van Pesch V, John N, Cartechini E, Gouider R, Maimone D, Ramo-Tello C, Hodgkinson S, Slee M, McCombe P, Garber J, Sanchez-Menoyo JL, Al-Asmi A, Kermode AG, Lapointe E, Shaygannejad V, Van Wijmeersch B, Willekens B, Castillo-Triviño T, Taylor B, Mathey G, Le Page E, De Seze J, Ruet A, Clavelou P, Berger E, Zephir H, Kwiatkowski A, Pelletier J, Moreau T, Labauge

- P, Ciron J, Lebrun-Frenay C, Papeix C, Defer G, Laplaud DA, Thouvenot E, Stankoff B, Maillart E, Al-Khedr A, Bourre B, Casez O, Dos Santos A, Camdessanche JP, Hankiewicz K, Wahab A, Cabre P, Heinzlef O, Pottier C, Moulin S, Magy L, Labeyrie C, Doghri I, Vukusic S, Kalincik T; MSBase and OFSEP Study Groups. **2026** *CNS Drugs*. PMID [41935174](#)
- 9 - Diagnostic Value of the Kappa Free Light Chain Index to Distinguish MOGAD, NMOSD, and MS. Tournier A, Gavaille A, Pique J, Levraut M, Micoud E, Maillart E, Audoin B, Demortiere S, Boutiere C, Ayrignac X, Boucraut J, Jentzer A, Ciron J, Bost C, Collongues N, Deschamps R, Cohen M, Seitz-Polski B, Thouvenot E, Squalli S, Maréchal D, Branger P, Ahle G, Zephir H, Vukusic S, Klapczynski F, Laplaud DA, Giannesini C, Mélé N, Drouet T, Sterlin D, Marignier R. **2026** *Neurology*. PMID [41921124](#)
- 10 - Human Blood IgA+ Memory B Cells Differ From IgG+ B Cells by Expressing Gut-Homing and Regulatory Markers. Le Gal L, Boussamet L, Garcia A, Morille J, Dugast E, Nicot AB, Laplaud DA, Berthelot L. **2026** *Eur J Immunol*. PMID [42036774](#)
- 11 - Preserving Neurological Function in People at High and Low Risk of Aggressive Multiple Sclerosis: An Observational Cohort Study. Roos I, Sharmin S, Ozakbas S, Alroughani R, Eichau S, Grand'Maison F, Boz C, Lechner-Scott J, Buzzard K, Prat A, Khoury SJ, Grammond P, van der Walt A, Blanco Y, Foschi M, Soysal A, Barnett M, Prevost J, Terzi M, Gerlach O, Macdonell R, Sa MJ, Spitaleri D, Laureys G, van Pesch V, John N, Cartechini E, Gouider R, Maimone D, Ramo-Tello C, Hodgkinson S, Slee M, McCombe P, Garber J, Sanchez-Menoyo JL, Al-Asmi A, Kermode AG, Lapointe E, Shaygannejad V, Van Wijmeersch B, Willekens B, Castillo-Triviño T, Taylor B, Mathey G, Le Page E, De Seze J, Ruet A, Clavelou P, Berger E, Zephir H, Kwiatkowski A, Pelletier J, Moreau T, Labauge P, Ciron J, Lebrun-Frenay C, Papeix C, Defer G, Laplaud DA, Thouvenot E, Stankoff B, Maillart E, Al-Khedr A, Bourre B, Casez O, Dos Santos A, Camdessanche JP, Hankiewicz K, Wahab A, Cabre P, Heinzlef O, Pottier C, Moulin S, Magy L, Labeyrie C, Doghri I, Vukusic S, Kalincik T; MSBase and OFSEP Study Groups. **2026** *CNS Drugs*. PMID [41935174](#)
- 12 - Diagnostic Value of the Kappa Free Light Chain Index to Distinguish MOGAD, NMOSD, and MS. Tournier A, Gavaille A, Pique J, Levraut M, Micoud E, Maillart E, Audoin B, Demortiere S, Boutiere C, Ayrignac X, Boucraut J, Jentzer A, Ciron J, Bost C, Collongues N, Deschamps R, Cohen M, Seitz-Polski B, Thouvenot E, Squalli S, Maréchal D, Branger P, Ahle G, Zephir H, Vukusic S, Klapczynski F, Laplaud DA, Giannesini C, Mélé N, Drouet T, Sterlin D, Marignier R. **2026** *Neurology*. PMID [41921124](#)
- 13 - Use of High-Efficacy Therapy in Children With Multiple Sclerosis to Prevent Long-Term Disability. Sharmin S, Roos I, Labauge PM, Filippi M, Lebrun-Frenay C, Iaffaldano P, Simone M, Perini P, Magy L, Van Der Walt A, Butzkueven H, Manchon E, Alroughani R, Patti F, Pozzilli C, Eichau S, Morra VB, Laplaud DA, Maimone D, Portaccio E, Trojano M, Amato MP, Deiva K, Vukusic S, Kalincik T; MSBase, OFSEP, and Italian Multiple Sclerosis Registry Investigators. **2026** *Neurology*. PMID [42214041](#)
- 14 - French NOMADMUS Cohort Overview: Landscape Evolution of AQP4+NMOSD and MOGAD From 2010 to 2024. Roux T, Lejeune FX, Casey R, Audoin B, Ayrignac X, Bourre B, Ciron J, Cohen M, Collongues N, Cotton F, Deiva K, Deschamps R, Durand-Dubief F, Laplaud DA, Michel L, Papeix C, Pique J, Ruet A, Thouvenot E, Zephir H, Toutou V, Vukusic S, Stankoff B, Benyahya L, Marignier R, Maillart E; as the NOMADMUS Study Group. **2026** *Neurology*. PMID [42172556](#)
- 15 - PRIMUS: a precision medicine platform reusing clinical trials and registry data to support treatment selection in multiple sclerosis. Demuth S, Faddeenkov I, Paris J, Rousseau O, Baciotti B, Payet M, Casey R, Vukusic S, Doyle S, Jarre G, Vince N, Limou S, De Sèze J, Kerbrat A, Laplaud D, Edan G, Gourraud PA; PRIMUS Consortium. **2026** *JAMIA Open*. PMID [42131074](#)
- 16 - Differences in Use of Disease-Modifying Therapies Between Patients With Late-Onset and Adult-Onset Relapsing-Remitting Multiple Sclerosis. Gavaille A, Kerbrat A, Edan G, Le Page E, Rollot F, Casey R, Mathey G, Stankoff B, Ciron J, De Seze J, Ruet A, Labauge PM, Kwiatkowski A, Zephir H, Papeix C, Defer G, Lebrun-Frenay C, Moreau T, Berger E, Clavelou P, Thouvenot E, Heinzlef O, Pelletier J, Al Khedr A, Casez O, Bourre B, Wahab A, David T, Magy L, Camdessanche JP, Moulin S, Doghri I, Sarov M, Dos Santos A, Pottier C, Manchon E, Aboab J, Tchikviladze M, Dahan C, Durozard P, Scherer-Gagou C, Leclancher A, Laplaud DA, Vukusic S, Michel L; for OFSEP. **2026** *Neurology*. PMID [42085644](#)
- 17 - A predictive tool for early treatment escalation after initiation of moderate-efficacy therapy in pediatric-onset multiple sclerosis. Benallegue N, Rollot F, Iaffaldano P, Lucisano G, Simone M, Lugaresi A, Casey R, Cocco E, Vukusic S, De Luca G, Mathey G, Patti F, Maillart E, Amato MP, Michel L, Fantozzi R, Ciron J, De Robertis F, De Sèze J, Coniglio MG, Ruet A, Filippi M, Labauge P, Crisafulli SG, Zephir H, Ferraro D, Papeix C, Lebrun-Frenay C, Trojano M, Laplaud DA. **2026** *Mult Scler J*. PMID [42226562](#)

- 18 - Mapping of class II HLA restriction of SepSecS-specific CD4 T cell epitopes in autoimmune hepatitis. Guinebreière T, Garcia A, Dong C, Bernier L, Huchet V, Gavlovsky PJ, Gil L, Ado S, David L, Chevalier C, Judor JP, Clémenceau B, Khaldi M, Bardou-Jacquet E, Elkrief L, Lannes A, Silvain C, Schnee M, Tanne F, Lemoine S, De Martin E, Plessier A, Vavasseur F, Laplaud DA, Kwok WW, Brouard S, Mosnier JF, Gournay J, Milpied P, Conchon S, Renand A. **2026** *J Hep Rep*. PMID [42398735](#)
- 19 - Blood cytotoxic natural killer-like CD8 + CD94+ T cells migrate to the brain and predict multiple sclerosis severity. Dugast E, Shah S, Vogel I, Loret A, Monvoisin C, Garcia A, Fourgeux C, Gourrain V, Boussamet L, Amoriello R, Le Luduec JB, Nataf S, Jacq-Foucher M, Moyon M, Le Frère F, Wiertlewski S, Ballerini C, Tarte K, Thouvenot E, Agherbi H, Casey R, Vukusic S, Ruet A, Le Page E, Labauge P, Mathey G, Raposo C, Poschmann J, Renand A, Nicot A, Michel L, Gourraud PA, Berthelot L, Laplaud DA. **2026** *Brain*. PMID [42377966](#)
- 20 - A multi-outcome prognostic score for therapeutic responses in multiple sclerosis. Louet J, Paris J, Faddeenkov I, Payet M, Baciotti B, Casey R, De Sèze J, Laplaud DA, Edan G, Gourraud PA, Demuth S; PRIMUS consortium. **2026** *Rev Neurol-France*. PMID [42481360](#)
- 21 - Comparative effectiveness of ofatumumab and ocrelizumab in relapsing multiple sclerosis: a target trial emulation using multinational registry data Zhu C, Vukusic S, Kalincik T, Mathey G, Kermode AG, Maillart E, Lechner-Scott J, Le Page E, Roos I, Ciron J, Kubala Havrdova E, Horakova D, De Sèze J, Skibina O, Ruet A, Yetkin MF, Labauge P, Habek M, Kwiatkowski A, Baghbanian SM, Zephir H, Meca-Lallana JE, Valero López G, Papeix C, Gerlach O, Defer G, Fabis-Pedrini M, Carroll WM, Lebrun-Frenay C, Hodgkinson S, Moreau T, Laureys G, Laplaud DA, Prat A, Berger E, Lapointe E, Clavelou P, Ampapa R, Thouvenot E, Stetkarova I, Heinzlef O, Stourac P, Pelletier J, Foschi M, Al Khedr A, D'Amico E, Casez O, Alroughani R, Bourre B, Brecl Jakob G, Creange A, Ozakbas S, David T, John N, Magy L, Camdessanché JP, Moulin S, Doghri I, Sarov Riviere M, Hankiewicz K, Pottier C, Manchon E, Aboab J, Tchikviladze M, Nifle C, Merlo D, Monif M, Zhou Z, Foong YC, Jokubaitis V, van der Walt A, Butzkueven H; OFSEP and MSBase investigators. **2026** *J Neurol Neurosurg Ps*. PMID [42601218](#)
- 22 - Anti-CD20 Discontinuation Versus Continuation in People Aged Over 50 With Non-Active Multiple Sclerosis. Moukhine A, Rollot F, Casey R, Collongues N, Vukusic S, Mathey G, Dubessy AL, Ciron J, De Seze J, Ruet A, Labauge P, Kwiatkowski A, Zephir H, Papeix C, Defer G, Lebrun-Frenay C, Laplaud DA, Berger E, Thouvenot E, Pelletier J, Al Khedr A, Casez O, Bourre B, Wahab A, Magy L, Camdessanché JP, Doghri I, Moulin S, Rivière MS, Hankiewicz K, Santos AD, Pottier C, Manchon E, Aboab J, Tchikviladze M, David T, Edan G, Le Page E, Michel L, Kerbrat A; OFSEP Investigators. **2026** *Ann Clin Transl Neur*. PMID [42596034](#)

Review, Editorial, Comments

- 1 - Do MRI-negative relapses really exist? - Yes. Gavoille A, Vukusic S, Laplaud DA. **2026** *Mult Scler J*. PMID [41773054](#)
- 2 - Whole-exome sequencing for the identification of genetic factors implicated in severe bacterial infections: a systematic review. Gélín M, Launay É, Vince N. **2026** *J Infect Dis*. PMID [41499460](#)
- 3 - Rethinking medical education through systems biology to address complexity. David L, Gourraud PA, Lamirault G, Lemarchand P. **2026** *Npj Syst Biol Appl*. PMID [41495089](#)
- 4 - The genetic architecture of multiple sclerosis in 2026: From susceptibility to disease progression. Bourguiba-Hachemi S, Paris J, Gourraud PA, Vince N. **2026** *Rev Neurol-France*. PMID [41934071](#)
- 5 - The genetic architecture of multiple sclerosis in 2026: From susceptibility to disease progression. Bourguiba-Hachemi S, Paris J, Gourraud PA, Vince N. **2026** *Rev Neurol-France*. PMID [41934071](#)