

Team4 - 2021

Original Articles

- 1 - Techno-functional properties and immunomodulatory potential of exopolysaccharide from *Lactiplantibacillus plantarum* MM89 isolated from human breast milk. Rajoka MSR, Mehwish HM, Kitazawa H, Barba FJ, Berthelot L, Umair M, Zhu Q, He Z, Zhao L. **2021** *Food Chem.* PMID [34973591](#)
- 2 - FaDA: A web application for regular laboratory data analyses. Danger R, Moiteaux Q, Feseha Y, Geffard E, Ramstein G, Brouard S. **2021** *PLoS One.* PMID [34928943](#)
- 3 - Observations on improving Covid-19 vaccination responses in Kidney Transplant Recipients: heterologous vaccination and immunosuppression modulation. Masset C, Ville S, Garandeanu C, Le Borgne F, Letellier T, Cantarovich D, Meurette A, Guillot-Gueguen C, Bentoumi-Loaec M, Giral M, Dantal J, Blancho G. **2021** *Kidney Int.* PMID [34890687](#)
- 4 - Pancreas allograft rejection occurring after ChAdOx1 nCoV-19 vaccine. Masset C, Lebot-Bouras S, Branchereau J, Renaudin K, Cantarovich D. **2021** *Diabetes Metab.* PMID [34781027](#)
- 5 - Computational Analysis of Chemical Space of Natural Compounds Interacting with Sulfotransferases. Lessigiarska I, Peng Y, Tsakovska I, Alov P, Lagarde N, Jereva D, Villoutreix BO, Nicot AB, Pajeva I, Pencheva T, Miteva MA. **2021** *Molecules.* PMID [34770768](#)
- 6 - Soluble CD89 is a critical factor for mesangial proliferation in childhood IgA nephropathy. Cambier A, Gleeson PJ, Abbad L, Canesi F, da Silva J, Bex-Coudrat J, Deschenes G, Boyer O, Rabant M, Ulinski T, Hogan J, Peuchmaur M, Berthelot L, Monteiro RC. **2021** *Kidney Int.* PMID [34756952](#)
- 7 - Time-dependent blood eosinophilia count increases the risk of kidney allograft rejection. Colas L, Bui L, Kerleau C, Lemdani M, Autain-Renaudin K, Magnan A, Giral M, Brouard S; DIVAT Consortium. **2021** *EbioMedicine.* PMID [34688031](#)
- 8 - Risk Factors and Time to Clinical Symptoms of Multiple Sclerosis Among Patients With Radiologically Isolated Syndrome. Lebrun-Frenay C, Rollot F, Mondot L, Zephir H, Louapre C, Le Page E, Durand-Dubief F, Labauge P, Bensa C, Thouvenot E, Laplaud D, de Seze J, Ciron J, Bourre B, Cabre P, Casez O, Ruet A, Mathey G, Berger E, Moreau T, Al Khedr A, Derache N, Clavelou P, Guennoc AM, Creange A, Neau JP, Tourbah A, Camdessanche JP, Maarouf A, Callier C, Vermersch P, Kantarci O, Siva A, Azevedo C, Makhani N, Cohen M, Pelletier D, Okuda D, Vukusic S; RISC, SFSEP, and OFSEP Investigators. **2021** *JAMA Netw Open.* PMID [34633424](#)
- 9 - Deciphering Transplant Outcomes of Expanded Kidney Allografts donated after controlled Circulatory Death in the Current Transplant Era. A Call for Caution. Montero N, Toapanta N, Pallarès N, Crespo M, Diekmann F, Guirado L, Esteban R, Codina S, Melilli E, Buxeda A, Velis G, Torres IB, Revuelta I, Molina Andujar A, Facundo C, Bardají B, Riera L, Fiol M, Cruzado JM, Comas J, Giral M, Naesens M, Åsberg A, Moreso F, Bestard O. **2021** *Transpl Int.* PMID [34626501](#)
- 10 - Timing of Kidney Clamping and Deceased Donor Kidney Transplant Outcomes. Ville S, Lorent M, Kerleau C, Åsberg A, Legendre C, Morelon E, Buron F, Garrigue V, Moglie LQ, Girerd S, Ladrière M, Albano L, Sicard A, Glotz D, Lefaucheur C, Branchereau J, Jacobi D, Giral M. **2021** *Clin J Am Soc Nephrol.* PMID [34625421](#)
- 11 - Cost-utility of oral methylprednisolone in the treatment of multiple sclerosis relapses: Results from the COPOUSEP trial. Michel M, Le Page E, Laplaud DA, Wardi R, Lebrun C, Zagnoli F, Wiertlewski S, Coustans M, Edan G, Chevreur K, Veillard D; West Network for Excellence in Neuroscience; COPOUSEP investigators. **2021** *Rev Neurol.* PMID [34598781](#)
- 12 - Collapsing glomerulopathy in a patient with APOL1 intermediate-risk genotype triggered by lupus nephritis and SARS-CoV-2 infection: lessons for the clinical nephrologist. Masset C, Renaudin K, Kervella D, Chapelet A, Deltombe C, Ville S. **2021** *J Nephrol.* PMID [34559399](#)

- 13 - Natalizumab Versus Fingolimod in Patients with Relapsing-Remitting Multiple Sclerosis: A Subgroup Analysis From Three International Cohorts. Sharmin S, Lefort M, Andersen JB, Leray E, Horakova D, Havrdova EK, Alroughani R, Izquierdo G, Ozakbas S, Patti F, Onofrij M, Lugaresi A, Terzi M, Grammond P, Grand'Maison F, Yamout B, Prat A, Girard M, Duquette P, Boz C, Trojano M, McCombe P, Slee M, Lechner-Scott J, Turkoglu R, Sola P, Ferraro D, Granella F, Prevost J, Maimone D, Skibina O, Buzzard K, Van der Walt A, Van Wijmeersch B, Csepany T, Spitaleri D, Vucic S, Casey R, Debouverie M, Edan G, Ciron J, Ruet A, De Sèze J, Maillart E, Zephir H, Labauge P, Defer G, Lebrun-Frenay C, Moreau T, Berger E, Clavelou P, Pelletier J, Stankoff B, Gout O, Thouvenot E, Heinzlef O, Al-Khedr A, Bourre B, Casez O, Cabre P, Montcuquet A, Wahab A, Camdessanche JP, Maurousset A, Patry I, Hankiewicz K, Pottier C, Maubeuge N, Labeyrie C, Nifle C, Laplaud D, Koch-Henriksen N, Sellebjerg FT, Soerensen PS, Pflieger CC, Rasmussen PV, Jensen MB, Frederiksen JL, Bramow S, Mathiesen HK, Schreiber KI, Magyari M, Vukusic S, Butzkueven H, Kalincik T; Danish Multiple Sclerosis Registry, OFSEP and the MSBase investigators. **2021** *CNS Drugs*. PMID [34536228](#)
- 14 - A meta-analysis comparing first-line immunosuppressants in neuromyelitis optica. Giovannelli J, Ciron J, Cohen M, Kim HJ, Kim SH, Stellmann JP, Kleiter I, McCreary M, Greenberg BM, Deschamps R, Audoin B, Maillart E, Papeix C, Collongues N, Bourre B, Laplaud D, Ayrignac X, Durand-Dubief F, Ruet A, Vukusic S, Marignier R, Dauchet L, Zephir H; NEMOS (Neuromyelitis Optica Study Group in Germany), NOMADMUS (Neuromyelitis Optica study Group in France), OFSEP (Observatoire Français de la Sclerose en Plaques) investigators. **2021** *Ann Clin Transl Neurol*. PMID [34505407](#)
- 15 - A third injection of BNT162b2 mRNA Covid-19 vaccine in kidney transplant recipients improves the humoral immune response. Masset C, Kerleau C, Garandeau C, Ville S, Cantarovich D, Hourmant M, Kervella D, Meurette A, Guillot-Gueguen C, Guihard I, Giral M, Dantal J, Blancho G. **2021** *Kidney Int*. PMID [34474075](#)
- 16 - Quantification of polyreactive immunoglobulin G facilitates the diagnosis of autoimmune hepatitis. Taubert R, Engel B, Diestelhorst J, Hupa-Breier KL, Behrendt P, Baerlecken NT, Sühs KW, Janik MK, Zachou K, Sebode M, Schramm C, Londoño MC, Habes S; UK-AIH Consortium, Oo YH, Lalanne C, Pape S, Schubert M, Hust M, Dübel S, Thevis M, Jonigk D, Beimdiek J, Buettner FFR, Drenth JP, Muratori L, Adams DH, Dyson JK, Renand A, Graupera I, Lohse AW, Dalekos GN, Milkiewicz P, Stangel M, Maasoumy B, Witte T, Wedemeyer H, Manns MP, Jaeckel E. **2021** *Hepatology*. PMID [34473365](#)
- 17 - Outcomes of kidney transplantation in patients with prosthetic heart valves. Ouahmi H, Mocerri P, Zorzi K, Albano L, Durand M, Karimi F, Morelon E, Buron F, Le Quintrec M, Pernin V, Ladriere M, Girerd S, Dantal J, Loupy A, Lionel C, Ferrari E, Esnault V, Merville P, Legendre C, Giral M, Sicard A; DIVAT Consortium. **2021** *Transpl Int*. PMID [34425020](#)
- 18 - Association Between Deceased Donor Acute Kidney Injury Assessed Using Baseline Serum Creatinine Back-Estimation and Graft Survival: Results From the French National CRISTAL Registry. Lenain R, Prouteau C, Hamroun A, Foucher Y, Giral M, Maanaoui M, Hazzan M; Contributors to the CRISTAL National Registry. **2021** *Am J Kidney Dis*. PMID [34416353](#)
- 19 - Prebiotic Supplementation During Pregnancy Modifies the Gut Microbiota and Increases Metabolites in Amniotic Fluid, Driving a Tolerogenic Environment In Utero. Brosseau C, Selle A, Duval A, Misme-Aucouturier B, Chesneau M, Brouard S, Cherbuy C, Cariou V, Bouchaud G, Mincham KT, Strickland DH, Barbarot S, Bodinier M. **2021** *Front Immunol*. PMID [34335628](#)
- 20 - A French cohort for assessing COVID-19 vaccine responses in specific populations. Loubet P, Wittkop L, Tartour E, Parfait B, Barrou B, Blay JY, Hourmant M, Lachâtre M, Laplaud DA, Laville M, Laviolle B, Lelievre JD, Morel J, Nguyen S, Spano JP, Terrier B, Thiebaut A, Viallard JF, Vrtovsnik F, de Lamballerie X, Launay O. **2021** *Nat Med*. PMID [34253930](#)
- 21 - Long-term health-related quality of life outcomes of adults with pediatric onset of frequently relapsing or steroid-dependent nephrotic syndrome. Meuleman MS, Guilmin-Crepon S, Hummel A, Daugas E, Dumas A, Leye F, Dantal J, Rigotherier C, Provot F, Chauveau D, Burtey S, Hertig A, Dahan K, Durrbach A, Dossier C, Karras A, Guerrot D, Esnault V, Remy P, Massy ZA, Tostivint I, Morin MP, Zaoui P, Fritz O, Le Quintrec M, Wynckel A, Bourmaud A, Boyer O, Sahali D, Alberti C, Audard V, Mellerio H. **2021** *J Nephrol*. PMID [34224090](#)
- 22 - Pharmacokinetics and safety of XAV-19, a swine glyco-humanized polyclonal anti-SARS-CoV-2 antibody, for COVID-19-related moderate pneumonia: a randomized, double-blind, placebo-controlled, phase IIa study. Gaborit B, Dailly E, Vanhove B, Josien R, Lacombe K, Dubee V, Ferre V, Brouard S, Ader F, Vibet MA, Le Thuaut A, Danger R, Flet L, Omnes A, Berly L, Chiffolleau A, Jobert A, Duvaux O, Raffi F. **2021** *Antimicrob Agents Chemother*. PMID [34181475](#)
- 23 - Investigation of measurement invariance in longitudinal health-related quality of life in preemptive or previously

- dialyzed kidney transplant recipients. Auneau-Enjalbert L, Blanchin M, Giral M, Meurette A, Morelon E, Albano L, Hardouin JB, Sebillé V. **2021** *Qual Life Res.* PMID [34173173](#)
- 24 - Insights into the substrate binding mechanism of SULT1A1 through molecular dynamics with excited normal modes simulations. Dudas B, Toth D, Perahia D, Nicot AB, Balog E, Miteva MA. **2021** *Sci Rep.* PMID [34162941](#)
- 25 - TCR repertoire diversity in Multiple Sclerosis: High-dimensional bioinformatics analysis of sequences from brain, cerebrospinal fluid and peripheral blood. Amoriello R, Chernigovskaya M, Greiff V, Carnasciali A, Massacesi L, Barilaro A, Repice AM, Biagioli T, Aldinucci A, Muraro PA, Laplaud DA, Lossius A, Ballerini C. **2021** *EbioMedicine.* PMID [34127432](#)
- 26 - ANCA-Negative Pauci-immune Necrotizing Glomerulonephritis: A Case Series and a New Clinical Classification. Ronsin C, Georges M, Chapelet-Debout A, Augusto JF, Audard V, Lebourg L, Rubin S, Quemeneur T, Bataille P, Karras A, Daugas E, Titeca-Beauport D, Boffa JJ, Vigneau C, Halimi JM, Bagnis CI, Durault S, Renaudineau E, Bridoux F, Testa A, Le Quintrec M, Fakhouri F, Renaudin K. **2021** *Am J Kidney Dis.* PMID [34119564](#)
- 27 - The effectiveness of natalizumab vs fingolimod-A comparison of international registry studies. Andersen JB, Sharmin S, Lefort M, Koch-Henriksen N, Sellebjerg F, Sørensen PS, Hilt Christensen CC, Rasmussen PV, Jensen MB, Frederiksen JL, Bramow S, Mathiesen HK, Schreiber KI, Horakova D, Havrdova EK, Alroughani R, Izquierdo G, Eichau S, Ozakbas S, Patti F, Onofri M, Lugaresi A, Terzi M, Grammond P, Grand Maison F, Yamout B, Prat A, Girard M, Duquette P, Boz C, Trojano M, McCombe P, Slee M, Lechner-Scott J, Turkoglu R, Sola P, Ferraro D, Granella F, Shaygannejad V, Prevost J, Skibina O, Solaro C, Karabudak R, Wijmeersch BV, Csepány T, Spitaleri D, Vucic S, Casey R, Debouverie M, Edan G, Ciron J, Ruet A, Sèze JD, Maillart E, Zephir H, Labauge P, Defer G, Lebrun C, Moreau T, Berger E, Clavelou P, Pelletier J, Stankoff B, Gout O, Thouvenot E, Heinzlef O, Al-Khedr A, Bourre B, Casez O, Cabre P, Montcuquet A, Wahab A, Camdessanche JP, Marousset A, Patry I, Hankiewicz K, Pottier C, Maubeuge N, Labeyrie C, Nifle C, Leray E, Laplaud DA, Butzkueven H, Kalincik T, Vukusic S, Magyari M. **2021** *Mult Scler Relat Disord.* PMID [34116480](#)
- 28 - Relapse of IgG4 related nephritis following mRNA Covid vaccine. Masset C, Kervella D, Kandel-Aznar C, Fantou A, Blancho G, Hamidou M. **2021** *Kidney Int.* PMID [34116086](#)
- 29 - Kidney transplantation from expanded criteria donors: an increased risk of urinary complications. The UNyCORT* study. Mesnard B, Leroy M, Hunter J, Kervella D, Timsit MO, Badet L, Glemain P, Morelon E, Buron F, Le Quintrec-Donnette M, Pernin V, Ladriere M, Girerd S, Legendre C, Sicard A, Albano L, De Vergie S, Kerleau C, Prudhomme T, Rigaud J, Cantarovich D, Blancho G, Karam G, Giral M, Ville S, Branchereau J; DIVAT Consortium. **2021** *BJU Int.* PMID [34114727](#)
- 30 - Disruption of the blood-brain barrier in 22q11.2 deletion syndrome. Crockett AM, Ryan SK, Vásquez AH, Canning C, Kanyuch N, Kebir H, Ceja G, Gesualdi J, Zackai E, McDonald-McGinn D, Viaene A, Kapoor R, Benallegue N, Gur R, Anderson SA, Alvarez JI. **2021** *Brain.* PMID [33876226](#)
- 31 - Comparison of SimoaTM and EllaTM to assess serum neurofilament-light chain in multiple sclerosis. Gauthier A, Viel S, Perret M, Brocard G, Casey R, Lombard C, Laurent-Chabalier S, Debouverie M, Edan G, Vukusic S, Lebrun-Frenay C, De Sèze J, Laplaud DA, Castelnovo G, Gout O, Ruet A, Moreau T, Casez O, Clavelou P, Berger E, Zephir H, Trouillet-Assant S, Thouvenot E; OFSEP Investigators. **2021** *Ann Clin Transl Neurol.* PMID [33830650](#)
- 32 - Connection of BANK1, Tolerance, Regulatory B cells, and Apoptosis: Perspectives of a Reductionist Investigation. Le Berre L, Chesneau M, Danger R, Dubois F, Chaussabel D, Garand M, Brouard S. **2021** *Front Immunol.* PMID [33815360](#)
- 33 - Agonist anti-ChemR23 mAb reduces tissue neutrophil accumulation and triggers chronic inflammation resolution. Trilleaud C, Gauttier V, Biteau K, Girault I, Belarif L, Mary C, Pengam S, Teppaz G, Thepenier V, Danger R, Robert-Siegwald G, Neel M, Bruneau S, Glemain A, Neel A, Poupon A, Mosnier JF, Chene G, Dubourdeau M, Blancho G, Vanhove B, Poirier N. **2021** *Sci Adv.* PMID [33811066](#)
- 34 - Evaluation of the safety and efficacy of XAV-19 in patients with COVID-19-induced moderate pneumonia: study protocol for a randomized, double-blinded, placebo-controlled phase 2 (2a and 2b) trial. Gaborit B, Vanhove B, Vibet MA, Le Thuaut A, Lacombe K, Dubee V, Ader F, Ferre V, Vicaut E, Orain J, Le Bras M, Omnes A, Berly L, Jobert A, Morineau-Le Houssine P, Botturi K, Josien R, Flet L, Degauque N, Brouard S, Duvaux O, Poinas A, Raffi F; POLYCOR study group. **2021** *Trials.* PMID [33750432](#)
- 35 - Preformed T-cell alloimmunity and HLA eplet mismatch to guide immunosuppression minimization with Tacrolimus monotherapy in Kidney Transplantation. Results of the CELLIMIN trial. Bestard O, Meneghini M, Crespo E, Bemelman F, Koch M, Volk HD, Viklicky O, Giral M, Banas B, Ruiz JC, Melilli E, Hu L, van Duivenvoorden R, Nashan B, Thaïss F, Otto NM, Bold G, Stein M, Sefrin A, Lachmann N, Hrubá P, Stranavova

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- 36 - The hedgehog pathway suppresses neuropathogenesis in CD4 T cell-driven inflammation Benallegue N, Kebir H, Kapoor R, Crockett A, Li C, Cheslow L, Abdel-Hakeem MS, Gesualdi J, Miller MC, Wherry EJ, Church ME, Blanco MA, Alvarez JI. **2021** *Brain.* PMID [33723591](#)
- 37 - Renal transplantation outcomes in obese patients: a French cohort-based study. Foucher Y, Lorent M, Albano L, Roux S, Pernin V, Le Quintrec M, Legendre C, Buron F, Morelon E, Girerd S, Ladrière M, Glotz D, Lefaucher C, Kerleau C, Dantal J, Branchereau J, Giral M; DIVAT consortium. **2021** *BMC Nephrol.* PMID [33673808](#)
- 38 - NA Harb J, Mennesson N, Lepetit C, Fourny M, Louvois M, Bosseboeuf A, Allain-Maillet S, Decaux O, Moreau C, Tallet A, Piver E, Moreau P, Salle V, Bigot-Corbel E, Hermouet S. **2021** *Cells.* PMID [33669483](#)
- 39 - Untreated patients with multiple sclerosis: a study of French expert centers. Moisset X, Fouchard AA, Pereira B, Taithe F, Mathey G, Edan G, Ciron J, Brochet B, De Sèze J, Papeix C, Vermersch P, Labauge P, Defer G, Lebrun-Frenay C, Moreau T, Laplaud D, Berger E, Pelletier J, Stankoff B, Gout O, Thouvenot E, Heinzlef O, Al-Khedr A, Bourre B, Casez O, Cabre P, Montcuquet A, Creange A, Camdessanche JP, Bakchine S, Maurousset A, Hankiewicz K, Pottier C, Maubeuge N, Dimitri Boulous D, Nifle C, Vukusic S, Clavelou P; OFSEP investigators. **2021** *Eur J Neurol.* PMID [33650261](#)
- 40 - Non-permissive human conventional CD1c+ dendritic cells enable trans-infection of human primary renal tubular epithelial cells and protect BK polyomavirus from neutralization. Sikorski M, Coulon F, Peltier C, Braudeau C, Garcia A, Giraud M, Renaudin K, Kandel-Aznar C, Nedellec S, Hulin P, Branchereau J, Veziere J, Gaboriaud P, Touze A, Burlaud-Gaillard J, Josien R, McIlroy D, Bressollette-Bodin C, Halary F. **2021** *PLoS Pathog.* PMID [33592065](#)
- 41 - Covariates adjustment questioned conclusions of predictive analyses: an illustration with the Kidney Donor Risk Index. Dantan E, Borgne FL, Giral M, Dion A, Querard AH, Foucher Y. **2021** *J Clin Epidemiol.* PMID [33577986](#)
- 42 - High neutralizing potency of swine glyco-humanized polyclonal antibodies against SARS-CoV-2. Vanhove B, Duvaux O, Rousse J, Royer PJ, Evanno G, Ciron C, Lheriteau E, Vacher L, Gervois N, Oger R, Jacques Y, Conchon S, Salama A, Duchi R, Lagutina I, Perota A, Delahaut P, Ledure M, Paulus M, So RT, Mok CK, Bruzzone R, Bouillet M, Brouard S, Cozzi E, Galli C, Blanchard D, Bach JM, Soullillou JP. **2021** *Eur J Immunol.* PMID [33576494](#)
- 43 - Essential role of smooth muscle Rac1 in severe asthma-associated airway remodelling. Dilasser F, Rose L, Hassoun D, Klein M, Rousselle M, Brosseau C, Guignabert C, Taille C, Dombret MC, Di Candia L, Heddebaut N, Bouchaud G, Pretolani M, Magnan A, Loirand G, Sauzeau V. **2021** *Thorax.* PMID [33542087](#)
- 44 - The long-term outcome of MOGAD: an observational national cohort study of 61 patients. Deschamps R, Pique J, Aygnac X, Collongues N, Audoin B, Zephir H, Ciron J, Cohen M, Aboab J, Mathey G, Derache N, Laplaud D, Thouvenot E, Bourre B, Ruet A, Durand-Dubief F, Touitou V, Vignal-Clermont C, Papeix C, Gout O, Marignier R, Maillart E; NOMADMUS study group. **2021** *Eur J Neurol.* PMID [33528851](#)
- 45 - New Method for the Expansion of Highly Purified Human Regulatory Granzyme B-Expressing B Cells. Chesneau M, Le Mai H, Brouard S. **2021** *Methods Mol Biol.* PMID [33479900](#)
- 46 - Determinants of therapeutic lag in multiple sclerosis. Roos I, Leray E, Frascoli F, Casey R, Brown JW, Horakova D, Havrdova EK, Debouverie M, Trojano M, Patti F, Izquierdo G, Eichau S, Edan G, Prat A, Girard M, Duquette P, Onofrij M, Lugaresi A, Grammond P, Ciron J, Ruet A, Ozakbas S, De Seze J, Louapre C, Zephir H, Sá MJ, Sola P, Ferraro D, Labauge P, Defer G, Bergamaschi R, Lebrun-Frenay C, Boz C, Cartechini E, Moreau T, Laplaud D, Lechner-Scott J, Grand'Maison F, Gerlach O, Terzi M, Granella F, Alroughani R, Iuliano G, Van Pesch V, Van Wijmeersch B, Spitaleri D, Soysal A, Berger E, Prevost J, Aguera-Morales E, McCombe P, Castillo Triviño T, Clavelou P, Pelletier J, Turkoglu R, Stankoff B, Gout O, Thouvenot E, Heinzlef O, Sidhom Y, Gouider R, Csepany T, Bourre B, Al Khedr A, Casez O, Cabre P, Montcuquet A, Wahab A, Camdessanche JP, Maurousset A, Patry I, Hankiewicz K, Pottier C, Maubeuge N, Labeyrie C, Nifle C, Coles A, Malpas CB, Vukusic S, Butzkueven H, Kalincik T. **2021** *Mult Scler.* PMID [33423618](#)
- 47 - Cumulative effects of therapies on disability in relapsing multiple sclerosis. Rollot F, Casey R, Leray E, Debouverie M, Edan G, Wiertlewski S, Vukusic S, Laplaud DA. **2021** *Mult Scler.* PMID [33403937](#)
- 48 - Aquaporin 4 distribution in the brain and its relevance for the radiological appearance of neuromyelitis optica spectrum disease Ameli R, Guttmann CRG, Prieto JC, Rollot F, Palotai M, Vukusic S, Marignier R, Cotton F;

Group Members for OFSEP Imaging Working Group; COPIL of OFSEP; NOMADMUS study group. **2021** *J Neuroradiol.* PMID [30981824](#)

Review, Editorial, Comments

- 1 - Development of extracellular vesicle-based medicinal products: A position paper of the group Extracellular Vesicle translation to clinical perspectives - EVOLVE France. Silva AKA, Morille M, Piffoux M, Arumugam S, Mauduit P, Larghero J, Bianchi A, Aubertin K, Blanc-Brude O, Noël D, Velot E, Ravel C, Elie-Caille C, Sebbagh A, Boulanger C, Wilhelm C, Rahmi G, Raymond-Letron I, Cherukula K, Montier T, Martinaud C, Bach JM, Favre-Bulle O, Spadavecchia J, Jorgensen C, Menasche P, Aussel C, Chopineau J, Mosser M, Ullah M, Sailliet N, Luciani N, Mathieu N, Rautou PE, Brouard S, Boireau W, Jauliac S, Dedier M, Trouvin JH, Gazeau F, Trouillas M, Peltzer J, Monsel A, Banzet S. **2021** *Adv Drug Deliv Rev.* PMID [34673131](#)
- 2 - NA Hassoun D, Malard O, Barbarot S, Magnan A, Colas L. **2021** *Clin Exp Allergy.* PMID [34617355](#)
- 3 - Role of gut-kidney axis in renal diseases and IgA nephropathy. Monteiro RC, Berthelot L. **2021** *Curr Opin Gastroen.* PMID [34482323](#)
- 4 - T- and B-cell therapy in solid organ transplantation: current evidence and future expectations. Pilat N, Lefsihane K, Brouard S, Kotsch K, Falk C, Steiner R, Thaunat O, Fusil F, Montserrat N, Amarelli C, Casiraghi F. **2021** *Transpl Int.* PMID [34448274](#)
- 5 - Secretome and Tunneling Nanotubes: A Multilevel Network for Long Range Intercellular Communication between Endothelial Cells and Distant Cells. Charreau B. **2021** *Int J Mol Sci.* PMID [34360735](#)
- 6 - Exosomes as New Biomarkers and Drug Delivery Tools for the Prevention and Treatment of Various Diseases: Current Perspectives. Liu Q, Li S, Dupuy A, Mai HL, Sailliet N, Loge C, Robert JH, Brouard S. **2021** *Int J Mol Sci.* PMID [34360530](#)
- 7 - Impact of non-antibiotic drugs on the human intestinal microbiome. Le Bastard Q, Berthelot L, Soullillou JP, Montassier E. **2021** *Expert Rev Mol Diagn.* PMID [34225544](#)
- 8 - NA Brinas F, Danger R, Brouard S. **2021** *Cells.* PMID [34206047](#)
- 9 - Des lymphocytes « très spéciaux » ciblent des antigènes du soi dans l'hépatite auto-immune (Peculiar profile of auto-reactive T lymphocytes in auto-immune hepatitis). Habes S, Gournay J, Milpied P, Conchon S, Renand A. **2021** *Med Sci.* PMID [33908849](#)
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