

Team4 - 2019

Original Articles

- 1 - B cell depletion therapy dampens CD8+ T cell response in ANCA-associated vasculitis Neel A, Bucchia M, Neel M, Tilly G, Caristan A, Yap M, Rimbert M, Bruneau S, Cadoux M, Agard C, Hourmant M, Godmer P, Brouard S, Bressollette C, Hamidou M, Josien R, Fakhouri F, Degauque N **2019** *Arthritis Rheumatol.* PMID [30375745](#)
- 2 - IL-7 receptor influences anti-TNF responsiveness and T cell gut homing in inflammatory bowel disease Belarif L, Danger R, Kermarrec L, Nerrière-Daguin V, Pengam S, Durand T, Mary C, Kerdreux E, Gauttier V, Kucik A, Thepenier V, Martin JC, Chang C, Rahman A, Guen NS, Braudeau C, Abidi A, David G, Malard F, Takoudju C, Martinet B, Gerard N, Neveu I, Neunlist M, Coron E, MacDonald TT, Desreumaux P, Mai HL, Le Bas-Bernardet S, Mosnier JF, Merad M, Josien R, Brouard S, Soulillou JP, Blancho G, Bourreille A, Naveilhan P, Vanhove B, Poirier N **2019** *J Clin Invest.* PMID [30939120](#)
- 3 - Biomimetic Glyconanoparticle Vaccine for Cancer Immunotherapy Reuven EM, Leviatan Ben-Arye S, Yu H, Duchi R, Perota A, Conchon S, Bachar Abramovitch S, Soulillou JP, Galli C, Chen X, Padler-Karavani V **2019** *ACS Nano.* PMID [30840433](#)
- 4 - SIRPa/CD47 axis controls the maintenance of transplant tolerance sustained by Myeloid-Derived-Suppressor Cells Pengam S, Durand J, Usal C, Gauttier V, Dilek N, Martinet B, Daguin V, Mary C, Thepenier V, Teppaz G, Renaudin K, Blancho G, Vanhove B, Poirier N **2019** *Am J Transplant.* PMID [31207067](#)
- 5 - Blood CD9(+) B Cell, a biomarker of bronchiolitis obliterans syndrome after lung transplantation Brosseau C, Danger R, Durand M, Durand E, Foureau A, Lacoste P, Tissot A, Roux A, Reynaud-Gaubert M, Kessler R, Mussot S, Dromer C, Brugière O, Mornex JF, Guillemain R, Claustre J, Magnan A, Brouard S; COLT and SysCLAD Consortia **2019** *Am J Transplant.* PMID [31305014](#)
- 6 - Interleukin-7 Receptor Blockade by an Anti-CD127 Monoclonal Antibody in Non-Human Primate Kidney Transplantation Mai HL, Van Ha Nguyen T, Branchereau J, Poirier N, Renaudin K, Mary C, Belarif L, Minault D, Hervouet J, Le Bas-Bernardet S, Soulillou JP, Vanhove B, Blancho G, Brouard S **2019** *Am J Transplant.* PMID [31344323](#)
- 7 - Unique and specific Proteobacteria diversity in urinary microbiota of tolerant kidney transplanted recipients Colas L, Mongodin EF, Montassier E, Chesneau M, Guerif P, Hittle L, Giral M, Bromberg JS, Brouard S; DIVAT Consortium **2019** *Am J Transplant.* PMID [31374143](#)
- 8 - Human CD8+ Tregs expressing a MHC-specific CAR display enhanced suppression of human skin rejection and GVHD in NSG mice Bezie S, Charreau B, Vimond N, Lasselin J, Gerard N, Nerrière-Daguin V, Bellier-Waast F, Duteille F, Anegón I, Guillonnet C **2019** *Blood Adv.* PMID [31730699](#)
- 9 - The EKITE network (epidemiology in kidney transplantation - a European validated database): an initiative epidemiological and translational European collaborative research Lorent M, Foucher Y, Kerleau K, Brouard S, Baayen C, Lebouter S, Naesens M, Bestard Matamoros O, Åsberg A, Giral M; EKITE consortium **2019** *BMC Nephrol.* PMID [31601177](#)
- 10 - Quantitative and qualitative changes in anti-Neu5Gc antibody response following rabbit anti-thymocyte IgG induction in kidney allograft recipients Rousse J, Salama A, Leviatan Ben-Arye S, Hruba P, Slatinska J, Evanno G, Duvaux O, Blanchard D, Yu H, Chen X, Bach JM, Padler-Karavani V, Viklicky O, Soulillou JP **2019** *Eur J Clin Invest.* PMID [30620396](#)
- 11 - Inflammatory optic neuropathy in granulomatosis with polyangiitis can mimic isolated idiopathic optic neuritis Clement M, Neel A, Toulgoat F, Weber M, Godmer P, Hutin P, Hamidou M, Lebranchu P **2019** *Eur J Ophthalmol.* PMID [31744325](#)
- 12 - Highly Variable Sialylation Status of Donor-Specific Antibodies Does Not Impact Humoral Rejection Outcomes Barba T, Harb J, Ducreux S, Koenig A, Mathias V, Rabeyrin M, Pouliquen E, Sicard A, Chartoire D, Dugast E,

- Defrance T, Morelon E, Brouard S, Dubois V, Thaumat O **2019** *Front Immunol.* PMID [30949173](#)
- 13 - CXCR5(+)PD1(+)ICOS(+)Circulating T Follicular Helpers Are Associated With de novo Donor-SpecificAntibodies After Renal Transplantation Danger R, Chesneau M, Delbos F, Le Bot S, Kerleau C, Chenouard A, Ville S, Degauque N, Conchon S, Cesbron A, Giral M, Brouard S **2019** *Front Immunol.* PMID [31552030](#)
- 14 - Early Acute Microvascular Kidney Transplant Rejection in the Absence of Anti-HLA Antibodies Is Associated with Preformed IgG Antibodies against Diverse GlomerularEndothelial Cell Antigens Delville M, Lamarthee B, Pagie S, See SB, Rabant M, Burger C, Gatault P, Giral M, Thaumat O, Arzouk N, Hertig A, Hazzan M, Matignon M, Mariat C, Caillard S, Kamar N, Sayegh J, Westeel PF, Garrouste C, Ladrière M, Vuiblet V, Rivalan J, Merville P, Bertrand D, Le Moine A, Duong Van Huyen JP, Cesbron A, Cagnard N, Alibeu O, Satchell SC, Legendre C, Zorn E, Taupin JL, Charreau B, Anglicheau D **2019** *J Am Soc Nephrol.* PMID [30850439](#)
- 15 - BOB1 controls memory B-cell fatein the germinal center reaction Levels MJ, Fehres CM, van Baarsen LGM, van Uden NOP, Germar K, O'Toole TG, Blijdorp ICJ, Semmelink JF, Doorenspleet ME, Bakker AQ, Krasavin M, Tomilin A, Brouard S, Spits H, Baeten DLP, Yeremenko NG **2019** *J Autoimmun.* PMID [31053401](#)
- 16 - Shigatoxin-producing Escherichia coli-associated hemolytic uremic syndrome in solidorgan transplant recipients Ville S, Ydee A, Garandeau C, Canet E, Tissot A, Cantarovich D, Fremeaux-Bacchi V, Mariani-Kurkdjian P, Provôt F, Fakhouri F **2019** *Kidney Int.* PMID [31759490](#)
- 17 - Missing self triggers NK cell-mediated chronic vascular rejection of solid organ transplants Koenig A, Chen CC, Marçais A, Barba T, Mathias V, Sicard A, Rabeyrin M, Racape M, Duong-Van-Huyen JP, Bruneval P, Loupy A, Dussurgey S, Ducreux S, Meas-Yedid V, Olivo-Marin JC, Paidassi H, Guillemain R, Taupin JL, Callemeyn J, Morelon E, Nicoletti A, Charreau B, Dubois V, Naesens M, Walzer T, Defrance T, Thaumat O **2019** *Nat Commun.* PMID [31767837](#)
- 18 - Dynamic predictions of long-term kidneygraft failure: an information tool promoting patient-centred care Fournier MC, Foucher Y, Blanche P, Legendre C, Girerd S, Ladrière M, Morelon E, Buron F, Rostaing L, Kamar N, Mourad G, Garrigue V, Couvrat-Desvergnès G, Giral M, Dantan E; DIVAT Consortium **2019** *Nephrol Dial Transplant.* PMID [30859193](#)
- 19 - Prevention of EarlyVentilator-Associated Pneumonia after Cardiac Arrest François B, Cariou A, Clere-Jehl R, Dequin PF, Renon-Carron F, Daix T, Guitton C, Deye N, Legriel S, Plantefève G, Quenot JP, Desachy A, Kamel T, Bedon-Cardé S, Diehl JL, Chudeau N, Karam E, Durand-Zaleski I, Giraudeau B, Vignon P, Le Gouge A; CRICS-TRIGGERSEP Network and the ANTHARTIC Study Group **2019** *New Engl J Med.* PMID [31693806](#)
- 20 - Cytotoxic CD8(+) T lymphocytes expressing ALS-causing SOD1 mutant selectively trigger death of spinal motoneurons Coque E, Salsac C, Espinosa-Carrasco G, Varga B, Degauque N, Cadoux M, CrabeR, Virenque A, Soulard C, Fierle JK, Brodovitch A, Libralato M, Vegh AG, VenteoS, Scamps F, Boucraut J, Laplaud D, Hernandez J, Gergely C, Vincent T, Raoul C **2019** *Proc Natl Acad Sci U S A.* PMID [30674678](#)
- 21 - Comparison of longitudinal quality of life outcomes in preemptive and dialyzed patients on waiting list for kidney transplantation Auneau-Enjalbert L, Hardouin J-B, Blanchin M, Giral M, Morelon E, Cassuto E, Meurette A, Sebille V. **2019** *Qual Life Res.* PMID [31784856](#)
- 22 - Selective CostimulationBlockade With Antagonist Anti-CD28 Therapeutics in Transplantation Vanhove B, Poirier N, Soulillou JP, Blancho G **2019** *Transplantation.* PMID [30951014](#)
- 23 - Induction therapy in elderly kidney transplant recipients with lowimmunological risk Masset C, Boucquemont J, Garandeau C, Buron F, Morelon E, Girerd S, Ladrière M, Mourad G, Garrigue V, Cassuto E, Albano L, Foucher Y, Dantal J; DIVAT Consortium **2019** *Transplantation.* PMID [31283665](#)
- 24 - Generation of cattle knockout forgalactose-a1,3-galactose and N-glycolylneuraminic acid antigens Perota A, Lagutina I, Duchi R, Zanfrini E, Lazzari G, Judor JP, Conchon S, Bach JM, Bottio T, Gerosa G, Costa C, Galiñanes M, Roussel JC, Padler-Karavani V, Cozzi E, Soulillou JP, Galli C **2019** *Xenotransplantation.* PMID [31115108](#)
- 25 - Elicited and pre-existinganti-Neu5Gc antibodies differentially affect human endothelial cellstranscriptome Le Berre L, Danger R, Mai HL, Amon R, Leviatan Ben-Arye S, Bruneau S, Senage T, Perreault H, Teraiya M, Nguyen TVH, Le Tourneau T, Yu H, Chen X, Galli C, Roussel JC, Manez R, Costa C, Brouard S, Galinanes M, Harris KM, Gitelman S, Cozzi E, Charreau B, Padler-Karavani V, Soulillou JP **2019** *Xenotransplantation.* PMID [31293002](#)
- 26 - Recruitment of CXCR3(+) T cells into injured tissues in adult IgA vasculitis patients correlates with disease activity Audemard-Verger A, Pillebout E, Jamin A, Berthelot L, Aufray C, Martin B,Sannier A, Daugas E, Dechanet-Merville J, Richard Y, Monteiro R, Lucas B **2019** *J Autoimmun.* PMID [30745186](#)

- 27 - Progressive Multifocal Leukoencephalopathy Incidence and Risk Stratification Among Natalizumab Users in France Vukusic S, Rollot F, Casey R, Pique J, Marignier R, Mathey G, Edan G, Brassat D, Ruet A, De Sèze J, Maillart E, Zephir H, Labauge P, Derache N, Lebrun-Frenay C, Moreau T, Wiertlewski S, Berger E, Moisset X, Rico-Lamy A, Stankoff B, Bensa C, Thouvenot E, Heinzlef O, Al-Khedr A, Bourre B, Vaillant M, Cabre P, Montcuquet A, Wahab A, Camdessanche JP, Tourbah A, Guennoc AM, Hankiewicz K, Patry I, Nifle C, Maubeuge N, Labeyrie C, Vermersch P, Laplaud DA; OFSEP Investigators **2019** *JAMA Neurol.* PMID [31479149](#)
- 28 - Effect of assisted reproductive technology on multiple sclerosis relapses: Case series and meta-analysis Bove R, Rankin K, Lin C, Zhao C, Correale J, Hellwig K, Michel L, Laplaud DA, Chitnis T **2019** *Mult Scler.* PMID [31368394](#)
- 29 - High-dose biotin in progressive multiple sclerosis: A prospective study of 178 patients in routine clinical practice Couloume L, Barbin L, Leray E, Wiertlewski S, Le Page E, Kerbrat A, Ory S, Le Port D, Edan G, Laplaud DA, Michel L **2019** *Mult Scler.* PMID [31845825](#)
- 30 - Neuraxial analgesia is not associated with an increased risk of post-partum relapses in MS Lavie C, Rollot F, Durand-Dubief F, Marignier R, Ionescu I, Casey R, Moreau T, Tourniaire P, Hutchinson M, D'Hooghe MB, Laplaud DA, Clavelou P, De Sèze J, Debouverie M, Brassat D, Pelletier J, Lebrun-Frenay C, Le Page E, Castelnovo G, Berger E, Hauteceur P, Heinzlef O, Durelli L, Clerico M, Trojano M, Patti F, Vukusic S; PRIMS and POPARTMUS investigators **2019** *Mult Scler.* PMID [31081475](#)
- 31 - CD8(+) T cell-mediated endotheliopathy is a targetable mechanism of neuro-inflammation in Susac syndrome Gross CC, Meyer C, Bhatia U, Yshii L, Kleffner I, Bauer J, Tröscher AR, Schulte-Mecklenbeck A, Herich S, Schneider-Hohendorf T, Plate H, Kuhlmann T, Schwaninger M, Brück W, Pawlitzki M, Laplaud DA, Loussouarn D, Parratt J, Barnett M, Buckland ME, Hardy TA, Reddel SW, Ringelstein M, Dörr J, Wildemann B, Kraemer M, Lassmann H, Höftberger R, Beltrán E, Dornmair K, Schwab N, Klotz L, Meuth SG, Martin-Blondel G, Wiendl H, Liblau R **2019** *Nat Commun.* PMID [31852955](#)
- 32 - Comparative effectiveness of teriflunomide vs dimethyl fumarate in multiple sclerosis Laplaud DA, Casey R, Barbin L, Debouverie M, De Sèze J, Brassat D, Wiertlewski S, Brochet B, Pelletier J, Vermersch P, Edan G, Lebrun-Frenay C, Clavelou P, Thouvenot E, Camdessanche JP, Tourbah A, Stankoff B, Al Khedr A, Cabre P, Lubetzki C, Papeix C, Berger E, Heinzlef O, Debroucker T, Moreau T, Gout O, Bourre B, Wahab A, Labauge P, Magy L, Defer G, Guennoc AM, Maubeuge N, Labeyrie C, Patry I, Nifle C, Casez O, Michel L, Rollot F, Leray E, Vukusic S, Foucher Y; SFSEP and OFSEP groups **2019** *Neurology.* PMID [31300547](#)

Review, Editorial, Comments

- 1 - Neutrophils cause a NET increase in skin allograft alloreactivity Brouard S, Mooney N **2019** *Am J Transplant.* PMID [31846552](#)
- 2 - Role of JAK inhibitors and immune cells in transplantation Sailliet N, Brosseau C, Robert JM, Brouard S **2019** *Cytokine Growth F R.* PMID [31133508](#)
- 3 - Early Identification of Chronic Lung Allograft Dysfunction: The Need of Biomarkers Tissot A, Danger R, Claustre J, Magnan A, Brouard S **2019** *Front Immunol.* PMID [31379869](#)
- 4 - (Update in severe asthma pathophysiology and treatments) Hassoun D, Moui A, Colas L, Blanc FX, Magnan A **2019** *Rev Med Interne.* PMID [31128859](#)