

# Team4 - 2023

06/02/2024

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## Original Articles

- 1 - Differential Immune Response to Bioprosthetic Heart Valve Tissues in the  $\alpha 1,3$ Galactosyltransferase-Knockout Mouse Model. Casós K, Llatjós R, Blasco-Lucas A, Kuguel SG, Sbraga F, Galli C, Padler-Karavani V, Le Tourneau T, Vadori M, Perota A, Roussel JC, Bottio T, Cozzi E, Soullillou JP, Galiñanes M, Máñez R, Costa C. **2023** *Bioengineering*. PMID [37508860](#)
- 2 - Pre-transplant immune profile defined by principal component analysis predicts acute rejection after kidney transplantation. Gaiffe E, Colladant M, Desmaret M, Bamoulid J, Leroux F, Laheurte C, Brouard S, Giral M, Saas P, Courivaud C, Degauque N, Ducloux D. **2023** *Front Immunol*. PMID [37497224](#)
- 3 - Artificial intelligence to improve cytology performance in urothelial carcinoma diagnosis: results from validation phase of the French, multicenter, prospective VISIOCYT1 trial. Lebret T, Paoletti X, Pignot G, Roumiguié M, Colombel M, Savareux L, Verhoest G, Guy L, Rigaud J, De Vergie S, Poinas G, Droupy S, Kleinclauss F, Courtade-Saïdi M, Piaton E, Radulescu C, Rioux-Leclercq N, Kandel-Aznar C, Renaudin K, Cochand-Priollet B, Allory Y, Nivet S, Roupêt M. **2023** *World J Urol*. PMID [37480491](#)
- 4 - An exome-wide study of renal operational tolerance. Massart A, Danger R, Olsen C, Emond MJ, Viklicky O, Jacquemin V, Soblet J, Duerinckx S, Croes D, Perazzolo C, Hrubá P, Daneels D, Caljon B, Sever MS, Pascual J, Miglinas M; Renal Tolerance Investigators; Pirson I, Ghisdal L, Smits G, Giral M, Abramowicz D, Abramowicz M, Brouard S. **2023** *Front Med*. PMID [37265662](#)
- 5 - MHC Class I Masking to Prevent AMR in a Porcine Kidney Transplantation Model in Alloimmunized Recipients. Kervella D, Branchereau J, Prudhomme T, Nerrière-Daguin V, Renaudin K, Minault D, Hervouet J, Martinet B, Bruneau S, Le Bas-Bernardet S, Blancho G. **2023** *Transplant Direct*. PMID [37250484](#)
- 6 - Kidney allograft rejection is associated with an imbalance of B cells, regulatory T cells and differentiated CD28-CD8<sup>+</sup> T cells: analysis of a cohort of 1095 graft biopsies. Mai HL, Degauque N, Lorent M, Rimbart M, Renaudin K, Danger R, Kerleau C, Tilly G, Vivet A, Le Bot S, Delbos F, Walencik A, Giral M, Brouard S. **2023** *Front Immunol*. PMID [37168864](#)
- 7 - An automated histological classification system for precision diagnostics of kidney allografts Yoo D, Goutaudier V, Divard G, Gueguen J, Astor BC, Aubert O, Raynaud M, Demir Z, Hogan J, Weng P, Smith J, Garro R, Warady BA, Zahr RS, Sablik M, Twombly K, Couzi L, Berney T, Boyer O, Duong-Van-Huyen JP, Giral M, Alsadi A, Gourraud PA, Morelon E, Le Quintrec M, Brouard S, Legendre C, Anglicheau D, Villard J, Zhong W, Kamar N, Bestard O, Djamali A, Budde K, Haas M, Lefaucheur C, Rabant M, Loupy A. **2023** *Nat Med*. PMID [37142762](#)
- 8 - Subclinical rejection-free diagnostic after kidney transplantation using blood gene expression Danger R, Le Berre L, Cadoux M, Kerleau C, Papuchon E, Guérif P, Morelon E, Thauinat O, Legendre C, Anglicheau D, Lefaucheur C, Couzi L, Del Bello A, Kamar N, Le Quintrec M, Goutaudier V, Renaudin K, Giral M, Brouard S **2023** *Kidney Int*. PMID [36990211](#)
- 9 - Persistent CD8 T Cell Marks Caused by the HCMV Infection in Seropositive Adults: Prevalence of HLA-E-Reactive CD8 T Cells Rousselière A, Charreau B **2023** *Cells*. PMID [36980230](#)
- 10 - Systems prediction of chronic lung allograft dysfunction: Results and perspectives from the Cohort of Lung Transplantation and Systems prediction of Chronic Lung Allograft Dysfunction cohorts. Pison C, Tissot A, Bernasconi E, Royer PJ, Roux A, Koutsokera A, Coiffard B, Renaud-Picard B, Le Pavec J, Mordant P, Demant X, Villeneuve T, Mornex JF, Nemska S, Frossard N, Brugière O, Siroux V, Marsland BJ, Foureau A, Botturi K, Durand E, Pellet J, Danger R, Auffray C, Brouard S, Nicod L, Magnan A; Members of the Cohort of Lung Transplantation and Systems prediction of Chronic Lung Allograft Dysfunction consortia **2023** *Front Med*. PMID [36968829](#)

- 11 - Aglycosylated extracellular loop of inwardly rectifying potassium channel 4.1 (KCNJ10) provides a target for autoimmune neuroinflammation. Nicot AB, Harb J, Garcia A, Guillot F, Mai HL, Mathé CV, Morille J, Vallino A, Dugast E, Shah SP, Lefrère F, Moyon M, Wiertelowski S, Le Berre L, Renaudin K, Soullillou JP, van Pesch V, Brouard S, Berthelot L, Laplaud DA. **2023** *Brain Commun.* PMID [36910419](#)
- 12 - LIS1, a glyco-humanized swine polyclonal anti-lymphocyte globulin, as a novel induction treatment in solid organ transplantation. Rouse J, Royer PJ, Evanno G, Lheriteau E, Ciron C, Salama A, Shneiker F, Duchi R, Perota A, Galli C, Cozzi E, Blancho G, Duvaux O, Brouard S, Soullillou JP, Bach JM, Vanhove B. **2023** *Front Immunol.* PMID [36875084](#)
- 13 - Very Low Dose Anti-Thymocyte Globulins Versus Basiliximab in Non-Immunized Kidney Transplant Recipients. Masset C, Kerleau C, Blancho G, Hourmant M, Walencik A, Ville S, Kervella D, Cantarovich D, Houzet A, Giral M, Garandeau C, Dantal J; Nantes DIVAT Consortium. **2023** *Transpl Int.* PMID [36819125](#)
- 14 - KiT-GENIE, the French genetic biobank of kidney transplantation. Ba R, Durand A, Mauduit V, Chauveau C, Le Bas-Bernardet S, Salle S, Guérif P, Morin M, Petit C, Douillard V, Rousseau O, Blancho G, Kerleau C, Vince N, Giral M, Gourraud PA, Limou S. **2023** *Eur J Hum Genet.* PMID [36737541](#)
- 15 - Nonskeletal and skeletal effects of high doses versus low doses of vitamin D3 in renal transplant recipients: Results of the VITALE (VITamin D supplementation in renAL transplant recipients) study, a randomized clinical trial. Courbebaisse M, Bourmaud A, Souberbielle JC, Sberro-Soussan R, Moal V, Le Meur Y, Kamar N, Albano L, Thierry A, Dantal J, Danthu C, Moreau K, Morelon E, Heng AE, Bertrand D, Arzouk N, Perrin P, Morin MP, Rieu P, Presne C, Grimbert P, Ducloux D, Büchler M, Le Quintrec M, Ouali N, Pernin V, Bouvier N, Durrbach A, Alamartine E, Randoux C, Besson V, Hazzan M, Pages J, Colas S, Piketty ML, Friedlander G, Prié D, Alberti C, Thervet E. **2023** *Am J Transplant.* PMID [36695682](#)
- 16 - Human granzyme B regulatory B cells prevent effector CD4+CD25- T cell proliferation through a mechanism dependent from lymphotoxin alpha. Sailliet N, Mai HL, Dupuy A, Tilly G, Fourgeux C, Braud M, Giral M, Robert JM, Degauque N, Danger R, Poschmann J, Brouard S. **2023** *Front Immunol.* PMID [37588598](#)
- 17 - Invasive fungal diseases in patients with autoimmune diseases: a case series from the French RESSIF network. Galmiche S, Thoreau B, Bretagne S, Alanio A, Paugam A, Letscher-Bru V, Cassaing S, Gangneux JP, Guegan H, Favennec L, Minoza A, Morio F, Bonhomme J, Desoubreaux G, Eloy O, Hasseine L, Sasso M, Millon L, Bellanger AP, Poirier P, Moniot M, Chouaki T, Huguenin A, Dalle F, Bouteille B, Nicolas M, Desbois-Nogard N, Bougnoux ME, Danion F, Poindron V, Néel A, Boukris-Sitbon K, Lanternier F, Terrier B; French Mycoses Study Group. **2023** *RMD Open.* PMID [37558492](#)
- 18 - Dialysis catheter-related bloodstream infections in the early post-transplant period: lessons for the clinical nephrologist. Strehaiano M, Le Clech A, Elhannani M, Toquet C, Dantal J, Branchereau J, Masset C. **2023** *J Nephrol.* PMID [37930465](#)
- 19 - New polyclonal antibodies, inhibit selectively tumor growth and invasion and synergize with immune checkpoint inhibitors. Ciron C, Morice P, Rouse J, Roy P, Royer PJ, Gauthier O, Brouard S, Duvaux O, Bassissi F, Vanhove B. **2023** *JCI Insight.* PMID [38085594](#)

## Review, Editorial, Comments

- 1 - Sterile Pancreas Inflammation during Preservation and after Transplantation. Kervella D, Mesnard B, Prudhomme T, Bruneau S, Masset C, Cantarovich D, Blancho G, Branchereau J. **2023** *Int J Mol Sci.* PMID [36902067](#)
- 2 - La dysfonction chronique du greffon pulmonaire en 2022 : une entité mieux comprise et un défi thérapeutique [Chronic lung allograft dysfunction in 2022, past and updates]. Halitim P, Tissot A. **2023** *Rev Mal Respir.* PMID [36858879](#)
- 3 - Deciphering Differential Behavior of Immune Responses as the Foundation for Precision Dosing in Allergen Immunotherapy. Magnan A, Nicolas JF, Caimmi D, Vocanson M, Haddad T, Colas L, Scurati S, Mascarell L, Shamji MH. **2023** *J Pers Med.* PMID [36836557](#)
- 4 - ANCA-negative pauci-immune crescentic glomerulonephritis associated with Fabry disease: lesson for the clinical nephrologist. Ronsin C, Jacquemont L, Testa A, Renaudin K, Ville S. **2023** *J Nephrol.* PMID [36795313](#)
- 5 - Structural and functional analysis of natural capsid variants suggests sialic acid-independent entry of BK polyomavirus. Sorin MN, Di Maio A, Silva LM, Ebert D, Delannoy CP, Nguyen NK, Guerardel Y, Chai W, Halary F, Renaudin-Autain K, Liu Y, Bressollette-Bodin C, Stehle T, McIlroy D. **2023** *Cell Rep.* PMID [36790933](#)

6 - Transplantation pulmonaire pour mucoviscidose et autres bronchiectasies [Lung transplantation for cystic fibrosis and other bronchiectasies]. Renaud-Picard B, Tissot A, Burgel PR, Grenet D, de Miranda S, Coiffard B. **2023** *Rev Mal Respir*. PMID [36610851](#)