

Team4 - 2022

Original Articles

- 1 - Structural insights into the catalytic mechanism of granzyme B upon substrate and inhibitor binding. Tripathi N, Danger R, Chesneau M, Brouard S, Laurent AD. **2022** *J Mol Graph Model*. PMID [35366507](#)
- 2 - Monitoring the activity of direct oral anticoagulants in a patient with severe nephrotic syndrome and pulmonary embolism. Lessons for the clinical nephrologist. Laslandes M, Connault J, Nicolet L, Ternisien C, Gregoire M, Ville S, Dantal J, Masset C. **2022** *J Nephrol*. PMID [35930179](#)
- 3 - Optimization of an O₂-balanced bioartificial pancreas for type 1 diabetes using statistical design of experiment. Mouré A, Bekir S, Bacou E, Pruvost Q, Haurigné K, Allard M, De Beaurepaire L, Bosch S, Riochet D, Gauthier O, Blancho G, Soullillou JP, Poncelet D, Mignot G, Courcoux P, Jegou D, Bach JM, Mosser M. **2022** *Sci Rep*. PMID [35304495](#)
- 4 - Oxidative Stress in Structural Valve Deterioration: A Longitudinal Clinical Study. Galiñanes M, Casós K, Blasco-Lucas A, Permanyer E, Máñez R, Le Tourneau T, Barquinero J, Schwartz S Jr, Roussel TBJC, Fellah-Hebia I, Sénage T, Evangelista A, Badano LP, Ruiz-Majoral A, Galli C, Padler-Karavani V, Soullillou JP, Vidal X, Cozzi E, Costa C. **2022** *Biomolecules*. PMID [36358956](#)
- 5 - Occurrence of de novo Donor Specific Antibodies after Covid-19 in kidney transplant recipients is low despite immunosuppression modulation. Masset C, Gautier-Vargas G, Cantarovich D, Dantal J, Delbos F, Walencik A, Kerleau C, Hourmant M, Garandeau C, Meurette A, Giral M, Benotmane I, Caillard S, Blancho G. **2022** *Kidney Int Rep*. PMID [35155848](#)
- 6 - Incidence, Risk Factors and Outcomes of Kidney and Liver Cyst Infection in Kidney Transplant Recipient With ADPKD. Ronsin C, Chaba A, Suchanek O, Coindre JP, Kerleau C, Garandeau C, Houzet A, Cantarovich D, Dantal J, Blancho G, Giral M, Couvrat-Desvergnés G, Ville S. **2022** *Kidney Int Rep*. PMID [35497795](#)
- 7 - Covid-19 severity in kidney transplant recipients according to their post-vaccination serological assessment. Masset C, Garandeau C, Houzet A, Kervella D, Ville S, Cantarovich D, Leclech A, Leman C, Gaisne R, Guillot-Gueguen C, Salomon O, Kerleau C, Giral M, Dantal J, Blancho G; Nantes DIVAT Consortium. **2022** *Kidney Int Rep*. PMID [36249993](#)
- 8 - Impact of kidney transplantation in obese candidates: a time-dependent propensity score matching study. Castelli C, Foucher Y, Boucquemont J, Prezelin-Reydit M, Giral M, Savoye E, Hazzan M, Lenain R. **2022** *Nephrol Dial Transplant*. PMID [35438778](#)
- 9 - IL-7 is expressed in malignant mesothelioma and has a prognostic value. Mai HL, Deshayes S, Nguyen TV, Dehame V, Chéné AL, Brouard S, Blanquart C. **2022** *Mol Oncol*. PMID [36054746](#)
- 10 - IL-34 deficiency impairs FOXP3⁺ Treg function in a model of autoimmune colitis and decreases immune tolerance homeostasis. Freuchet A, Salama A, Bézie S, Tesson L, Rémy S, Humeau R, Règue H, Sérazin C, Flippe L, Peterson P, Vimond N, Usal C, Ménoret S, Heslan JM, Duteille F, Blanchard F, Giral M, Colonna M, Anegón I, Guillonnet C. **2022** *Clin Transl Med*. PMID [36030499](#)
- 11 - Impact of Late and Recurrent Acute Graft Pyelonephritis on Long-Term Kidney Graft Outcomes. Pacaud M, Colas L, Kerleau C, Le Borgne F, Giral M, Brouard S, Dantal J. **2022** *Front Immunol*. PMID [35418982](#)
- 12 - Development and validation of multivariable prediction models of serological response to SARS-CoV-2 vaccination in kidney transplant recipients Osmanodja B, Stegbauer J, Kantauskaite M, Rump LC, Heinzl A, Reindl-Schwaighofer R, Oberbauer R, Benotmane I, Caillard S, Masset C, Kerleau C, Blancho G, Budde K, Grunow F, Mikhailov M, Schrezenmeier E, Ronicke S. **2022** *Front Immunol*. PMID [36268021](#)
- 13 - On the clinical relevance of using complete high-resolution HLA typing for an accurate interpretation of posttransplant immune-mediated graft outcomes. Meneghini M, Perona A, Crespo E, Bemelman F, Reinke P,

- Viklicky O, Giral M, Palou E, Torija A, Donadeu L, Melilli E, Zuñiga J, Sefrin A, Lachmann N, Hu L, Hruba P, Guillot-Gueguen C, Brouard S, Grinyo J, Bestard O. **2022** *Front Immunol*. PMID [36248818](#)
- 14 - Peripheral blood immune cell profiling of acute corneal transplant rejection. Hjortdal J, Griffin MD, Cadoux M, Armitage WJ, Bylesjo M, Mac Gabhann P, Murphy CC, Pleyer U, Tole D, Vabres B, Walkinshaw MD, Gourraud PA, Karakachoff M, Brouard S, Degauque N. **2022** *Am J Transplant*. PMID [35704290](#)
- 15 - Urinary metabolomic profiling from spontaneous tolerant kidney transplanted recipients shows enrichment in tryptophan-derived metabolites. Colas L, Royer AL, Massias J, Raux A, Chesneau M, Kerleau C, Guerif P, Giral M, Guitton Y, Brouard S; DIVAT Consortium. **2022** *EBioMedicine*. PMID [35241402](#)
- 16 - Antibody-mediated allograft rejection is associated with an increase in peripheral differentiated CD28-CD8+ T cells - Analyses of a cohort of 1032 kidney transplant recipients. Mai HL, Degauque N, Le Bot S, Rimbart M, Renaudin K, Danger R, Le Borgne F, Kerleau C, Tilly G, Vivet A, Delbos F, Walencik A, Giral M, Brouard S. **2022** *EBioMedicine*. PMID [35988467](#)
- 17 - Neutrophil-derived extracellular vesicles induce endothelial inflammation and damage through the transfer of miRNAs. Glémain A, Néel M, Néel A, André-Grégoire G, Gavard J, Martinet B, Le Bloas R, Riquin K, Hamidou M, Fakhouri F, Bruneau S. **2022** *J Autoimmun*. PMID [35378380](#)
- 18 - CRISPR/Cas9-Engineered HLA-Deleted Glomerular Endothelial Cells as a Tool to Predict Pathogenic Non-HLA Antibodies in Kidney Transplant Recipients. Lamarthée B, Burger C, Leclaire C, Lebraud E, Zablocki A, Morin L, Lebreton X, Charreau B, Snanoudj R, Charbonnier S, Blein T, Hardy M, Zuber J, Satchell S, Gallazzini M, Terzi F, Legendre C, Taupin JL, Rabant M, Tinel C, Anglicheau D. **2022** *J Am Soc Nephrol*. PMID [35167486](#)
- 19 - Effector Memory-Expressing CD45RA (TEMRA) CD8+ T Cells from Kidney Transplant Recipients Exhibit Enhanced Purinergic P2X4 Receptor-Dependent Proinflammatory and Migratory Responses. Doan Ngoc TM, Tilly G, Danger R, Bonizec O, Masset C, Guérif P, Bruneau S, Glemain A, Harb J, Cadoux M, Vivet A, Mai HL, Garcia A, Laplaud D, Liblau R, Giral M, Blandin S, Feyeux M, Dubreuil L, Pecqueur C, Cyr M, Ni W, Brouard S, Degauque N; on behalf on the DIVAT Consortium; DIVAT Consortium. **2022** *J Am Soc Nephrol*. PMID [36280286](#)
- 20 - A fourth SARS-CoV-2 mRNA vaccine in strictly seronegative kidney transplant recipients. Masset C, Benotmane I, Dantal J, Garandeau C, Gauthier-Vargas G, Cantarovich D, Meurette A, Giral M, Caillard S, Blancho G. **2022** *Kidney Int*. PMID [35167873](#)
- 21 - Biological pathways and comparison with biopsy signals and cellular origin of peripheral blood transcriptomic profiles during kidney allograft pathology. Van Loon E, Lamarthée B, de Loor H, Van Craenenbroeck AH, Brouard S, Danger R, Giral M, Callemeyn J, Tinel C, Cortés Calabuig Á, Koshy P, Sprangers B, Kuypers D, Gwinner W, Anglicheau D, Marquet P, Naesens M. **2022** *Kidney Int*. PMID [35526671](#)
- 22 - Antibody Response to a Fourth Messenger RNA COVID-19 Vaccine Dose in Kidney Transplant Recipients: A Case Series Caillard S, Thaunat O, Benotmane I, Masset C, Blancho G. **2022** *Ann Intern Med*. PMID [35007148](#)
- 23 - The role of antibody responses against glycans in bioprosthetic heart valve calcification and deterioration. Senage T, Paul A, Le Tourneau T, Fella-Hebia I, Vadori M, Bashir S, Galiñanes M, Bottio T, Gerosa G, Evangelista A, Badano LP, Nassi A, Costa C, Cesare G, Manji RA, Cuffe de Monchy C, Piriou N, Capoulade R, Serfaty JM, Guimbretière G, Dantan E, Ruiz-Majoral A, Coste du Fou G, Leviatan Ben-Arye S, Govani L, Yehuda S, Bachar Abramovitch S, Amon R, Reuven EM, Atiya-Nasagi Y, Yu H, Iop L, Casós K, Kuguel SG, Blasco-Lucas A, Permanyer E, Sbraga F, Llatjós R, Moreno-Gonzalez G, Sánchez-Martínez M, Breimer ME, Holgersson J, Teneberg S, Pascual-Gilabert M, Nonell-Canals A, Takeuchi Y, Chen X, Mañez R, Roussel JC, Soullillou JP, Cozzi E, Padler-Karavani V. **2022** *Nat Med*. PMID [35177855](#)
- 24 - The MHC class I MICA gene is a histocompatibility antigen in kidney transplantation. Carapito R, Aouadi I, Verniquet M, Untrau M, Pichot A, Beaudrey T, Bassand X, Meyer S, Faucher L, Posson J, Morlon A, Kotova I, Delbos F, Walencik A, Aarnink A, Kennel A, Suberbielle C, Taupin JL, Matern BM, Spierings E, Congy-Jolivet N, Essaydi A, Perrin P, Blancher A, Charron D, Cereb N, Maumy-Bertrand M, Bertrand F, Garrigue V, Pernin V, Weekers L, Naesens M, Kamar N, Legendre C, Glotz D, Caillard S, Ladrière M, Giral M, Anglicheau D, Süsal C, Bahram S. **2022** *Nat Med*. PMID [35288692](#)
- 25 - Case Report: Long-term observations from the tacrolimus weaning randomized clinical trial depicts the challenging aspects for determination of low-immunological risk patients. Masset C, Dantal J, Soullillou JP, Walencik A, Delbos F, Brouard S, Giral M; Nantes DIVAT Consortium. **2022** *Front Immunol*. PMID [36518770](#)
- 26 - Distinctive phenotype for HLA-E- versus HLA-A2-restricted memory CD8 abT cells in the course of HCMV infection discloses features shared with NKG2C+CD57+NK and d2-gdT cell subsets. Rousselière A, Gérard N,

Delbos L, Guérif P, Giral M, Bressollette-Bodin C, Charreau B. **2022** *Front Immunol*. PMID [36532017](#)

27 - 2022 Update of indications and contraindications for lung transplantation in France. Le Pavec J, Pison C, Hirschi S, Bunel V, Mordant P, Brugière O, Guen ML, Olland A, Coiffard B, Renaud-Picard B, Tissot A, Brioude G, Borie R, Crestani B, Deslée G, Stelianides S, Mal H, Schuller A, Falque L, Lorillon G, Tazi A, Burgel PR, Grenet D, De Miranda S, Bergeron A, Launay D, Cottin V, Nunes H, Valeyre D, Uzunhan Y, Prévot G, Sitbon O, Montani D, Savale L, Humbert M, Fadel E, Mercier O, Mornex JF, Dauriat G, Reynaud-Gaubert M. **2022** *Respir Med Res*. PMID [36565563](#)

Review, Editorial, Comments

1 - No patient left behind! Therapeutic options for cystic fibrosis patients living with lung transplantation. Tissot A, Burgel PR. **2022** *J Cyst Fibros*. PMID [35667974](#)

2 - Advances in Endothelial Cell Biology: From Knowledge to Control. Charreau B. **2022** *Int J Mol Sci*. PMID [35742847](#)

3 - Virus-Associated Nephropathies: A Narrative Review. Masset C, Le Turnier P, Bressollette-Bodin C, Renaudin K, Raffi F, Dantal J. **2022** *Int J Mol Sci*. PMID [36233315](#)

4 - The Pseudokinase TRIB1 in Immune Cells and Associated Disorders. Danger R, Feseha Y, Brouard S. **2022** *Cancers*. PMID [35205759](#)

5 - Extracellular Vesicles in Transplantation. Sailliet N, Ullah M, Dupuy A, Silva AKA, Gazeau F, Le Mai H, Brouard S. **2022** *Front Immunol*. PMID [35185891](#)

6 - Transplantation pulmonaire en France : actualisation des indications et contre-indications en 2022 [Updated indications and contraindications in 2022 for lung transplantation in France]. Le Pavec J, Pison C, Hirschi S, Bunel V, Mordant P, Brugière O, Le Guen M, Olland A, Coiffard B, Renaud-Picard B, Tissot A, Brioude G, Borie R, Crestani B, Deslée G, Stelianides S, Mal H, Schuller A, Falque L, Lorillon G, Tazi A, Burgel PR, Grenet D, De Miranda S, Bergeron A, Launay D, Cottin V, Nunes H, Valeyre D, Uzunhan Y, Prévot G, Sitbon O, Montani D, Savale L, Humbert M, Fadel E, Mercier O, Mornex JF, Dauriat G, Reynaud-Gaubert M. **2022** *Rev Mal Respir*. PMID [36372607](#)