

## Team2 - 2019

---

### Original Articles

- 1 - 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, Anegon I, Guillonneau C **2019** *Blood Adv.* PMID [31730699](#)
- 2 - Targeting TMEM176B Enhances Antitumor Immunity and Augments the Efficacy of Immune Checkpoint Blockers by Unleashing Inflammation Segovia M, Russo S, Jeldres M, Mahmoud YD, Perez V, Duhalde M, Charnet P, Rousset M, Victoria S, Veigas F, Louvet C, Vanhove B, Floto RA, Anegon I, Cuturi MC, Girotti MR, Rabinovich GA, Hill M **2019** *Cancer Cell.* PMID [31085177](#)
- 3 - Human Tolerogenic Dendritic Cells Regulate Immune Responses through Lactate Synthesis Marín E, Bouchet-Delbos L, Renoult O, Louvet C, Nerrière-Daguin V, Managh AJ, Even A, Giraud M, Vu Manh T-P, Aguesse A, Beriou G, Chiffolleau E, Alliot-Licht B, Prieur X, Croyal M, Hutchinson JA, Obermajer N, Geissler EK, Vanhove B, Blancho G, Dalod M, Josien R, Pecqueur C, Cuturi MC, Moreau A **2019** *Cell Metab.* PMID [31801055](#)
- 4 - Immunophenotype of a Rat Model of Duchenne's Disease and Demonstration of Improved Muscle Strength After Anti-CD45RC Antibody Treatment Ouisse LH, Remy S, Lafoux A, Larcher T, Tesson L, Chenouard V, Guillonneau C, Brusselle L, Vimond N, Rouger K, Pereon Y, Chenouard A, Gras-Le Guen C, Braudeau C, Josien R, Huchet C, Anegon I **2019** *Front Immunol.* PMID [31552055](#)
- 5 - Characterization of two rat models of cystic fibrosis-KO and F508del CFTR-Generated by Crispr-Cas9. Dreano E, Bacchetta M, Simonin J, Galliche L, Usal C, Slimani L, Sadoine J, Tesson L, Anegon I, Concorde JP, Hatton A, Vignaud L, Tondelier D, Sermet-Gaudelus I, Chanson M, Cottart CH **2019** *Animal Model Exp Med.* PMID [31942562](#)
- 6 - Abnormally Elevated Follicle-Stimulating Hormone (FSH) Level in an Infertile Woman Catteau A, Bach-Ngohou K, Blin J, Barrière P, Freour T, Masson D **2019** *Case Rep Endocrinol.* PMID [31662912](#)
- 7 - Cross-Reactive Donor-Specific CD8(+) Tregs Efficiently Prevent Transplant Rejection Picarda E, Bezie S, Usero L, Ossart J, Besnard M, Halim H, Echasserieu K, Usal C, Rossjohn J, Bernardeau K, Gras S, Guillonneau C **2019** *Cell Rep.* PMID [31875536](#)
- 8 - NA Lambert M, Capuano V, Boet A, Tesson L, Bertero T, Nakhleh MK, Remy S, Anegon I, Pechoux C, Hautefort A, Rucker-Martin C, Manoury B, Domergue V, Mercier O, Girerd B, Montani D, Perros F, Humbert M, Antigny F **2019** *Circ Res.* PMID [31347976](#)
- 9 - RRAD mutation causes electrical and cytoskeletal defects in cardiomyocytes derived from a familial case of Brugada syndrome Belbachir N, Portero V, Al Sayed ZR, Gourraud JB, Dilasser F, Jesel L, Guo H, Wu H, Gaborit N, Guilluy C, Girardeau A, Bonnaud S, Simonet F, Karakachoff M, Pattier S, Scott C, Burel S, Marionneau C, Chariou C, Gaignerie A, David L, Genin E, Deleuze JF, Dina C, Sauzeau V, Loirand G, Baró I, Schott JJ, Probst V, Wu JC, Redon R, Charpentier F, Le Scourarnec S **2019** *Eur Heart J.* PMID [31114854](#)
- 10 - Ceruloplasmin deficiency does not induce macrophagic iron overload: lessons from a new rat model of hereditary aceruloplasminemia Kenawi M, Rouger E, Island ML, Leroyer P, Robin F, Remy S, Tesson L, Anegon I, Nay K, Derbre F, Brissot P, Ropert M, Cavey T, Loreal O **2019** *FASEB J.* PMID [31560858](#)
- 11 - Multi specific Antibody Development Platform Based on Human Heavy Chain Antibodies Clarke SC, Ma B, Trinklein ND, Schellenberger U, Osborn MJ, Ouisse LH, Boudreau A, Davison LM, Harris KE, Ugamraj HS, Balasubramani A, Dang KH, Jorgensen B, Ogana HAN, Pham DT, Pratap PP, Sankaran P, Anegon I, van Schooten WC, Brüggemann M, Buelow R, Force Aldred S **2019** *Front Immunol.* PMID [30666250](#)
- 12 - Female obesity is negatively associated with live birth rate following IVF: a systematic review and meta-analysis Sermondade N, Huberlant S, Bourhis-Lefebvre V, Arbo E, Gallot V, Colombani M, Freour T **2019** *Hum Reprod Update.* PMID [30941397](#)

- 13 - Genetic Restoration of Heme Oxygenase-1 Expression Protects from Type 1 Diabetes in NOD Mice Pogu J, Tzima S, Kollias G, Anegon I, Blancou P, Simon T **2019** *Int J Mol Sci*. PMID [30987262](#)
- 14 - Performance of Day 5 KIDScore morphokinetic prediction models of implantation and live birth after single blastocyst transfer Reignier A, Girard JM, Lammers J, Chtourou S, Lefebvre T, Barriere P, Freour T **2019** *J Assist Reprod Gen*. PMID [31444634](#)
- 15 - Patient perceptions and understanding of treatment instructions for ovarian stimulation during infertility treatment Barrière P, Avril C, Benmahmoud-Zoubir A, Benard N, Dejager S **2019** *Reprod Biomed Online*. PMID [31993512](#)
- 16 - Role of indoleamine 2,3-dioxygenase in testicular immune-privilege Gualdoni GS, Jacobo PV, Sobarzo CM, Perez CV, Matzkin ME, Höcht C, Frungieri MB, Hill M, Anegon I, Lustig L, Guazzone VA **2019** *Sci Rep*. PMID [31685866](#)
- 17 - Cell competition during reprogramming gives rise to dominant clones Shakiba N, Fahmy A, Jayakumaran G, McGibbon S, David L, Trcka D, Elbaz J, Puri MC, Nagy A, van der Kooy D, Goyal S, Wrana JL, Zandstra PW **2019** *Science*. PMID [30898844](#)
- 18 - Low-density lipoprotein receptor-deficient hepatocytes differentiated from induced pluripotent stem cells allow familial hypercholesterolemia modeling, CRISPR/Cas-mediated genetic correction, and productive hepatitis C virus infection Caron J, Pène V, Tolosa L, Villaret M, Luce E, Fourrier A, Heslan JM, Saheb S, Bruckert E, Gómez-Lechón MJ, Nguyen TH, Rosenberg AR, Weber A, Dubart-Kupperschmitt A **2019** *Stem Cell Res Ther*. PMID [31358055](#)
- 19 - In vivo analysis of human immune responses in immunodeficient rats Menoret S, Ouisse LH, Tesson L, Remy S, Usal C, Guiffes A, Chenouard V, Royer PJ, Evanno G, Vanhove B, Piaggio E, Anegon I **2019** *Transplantation*. PMID [31764762](#)
- 20 - Regenerative cell therapy for the treatment of hyperbilirubinemic Gunn rats with fresh and frozen human induced pluripotent stem cells-derived hepatic stem cells Fourrier A, Delbos F, Menoret S, Collet C, Thi Thuy LT, Myara A, Petit F, Tolosa L, Laplanche S, Gómez-Lechón MJ, Labrune P, Anegon I, Vallier L, Garnier D, Nguyen TH **2019** *Xenotransplantation*. PMID [31342573](#)

## Review, Editorial, Comments

- 1 - 23rd Nantes Actualités Transplantation: Genomics and Immunogenetics of Kidney and Inflammatory Diseases - Lessons for Transplantation Vince N, Poschmann J, Josien R, Anegon I, Limou S, Gourraud PA **2019** *Transplantation*. PMID [30399125](#)
- 2 - Future prospects for CD8(+) regulatory T cells in immune tolerance Flippe L, Bezie S, Anegon I, Guillonnet C **2019** *Immunol Rev*. PMID [31593314](#)