

Team2a - 2025

2026-03-30

Original Articles

- 1 - Human pluripotent stem cell-derived hepatic progenitors exhibit a partially hypoinmunogenic phenotype and actively inhibit immune responses. Gantier M, Ménoret S, Fourrier A, Delbos F, Nguyen TH, Anegon I. **2025** *Front Immunol.* PMID [40070824](#)
- 2 - New soluble CSF-1R-dimeric mutein with enhanced trapping of both CSF-1 and IL-34 reduces suppressive tumor-associated macrophages in pleural mesothelioma. Joalland N, Quéméner A, Deshayes S, Humeau R, Maillasson M, LeBihan H, Salama A, Fresquet J, Remy S, Mortier E, Blanquart C, Guillonneau C, Anegon I. **2025** *J Immunother Cancer.* PMID [40101804](#)
- 3 - Anti-TNF as an Adjunctive Therapy in Pancreas and Kidney Transplantation. Masset C, Mesnard B, Rousseau O, Walencik A, Chelghaf I, Giral M, Houzet A, Blancho G, Dantal J, Branchereau J, Garandeau C, Cantarovich D. **2025** *Transpl Int.* PMID [40170787](#)
- 4 - Can Humanized Immune System Mouse and Rat Models Accelerate the Development of Cytomegalovirus-Based Vaccines Against Infectious Diseases and Cancers? Craft K, Amanor A, Barnett I, Donaldson C, Anegon I, Madduri S, Tang Q, Bility MT. **2025** *Int J Mol Sci.* PMID [40243710](#)
- 5 - Generation of a compound heterozygous ABCA4 rat model with pathological features of STGD1. Morival C, Croyal M, Remy S, Mortier E, Libeau L, Veziers J, Provost N, Demilly J, Mendes-Madeira A, Isiegas C, Tesson L, Anegon I, Adjali O, Cronin T. **2025** *Hum Mol Genet.* PMID [40273359](#)
- 6 - Impaired Aire-dependent IFN signaling in the thymus precedes the protective autoantibodies to IFN α . Stoljar A, Zarodniuk M, Bichele R, Armulik EH, Haljasorg U, Humeau R, Besnard M, Haljasmägi L, Tserel L, Peltser M, Salumets A, Kekäläinen E, Kisand K, Guillonneau C, Laan M, Peterson P. **2025** *J Exp Med.* PMID [40304722](#)
- 7 - Bone morphogenetic protein-9 controls pulmonary vascular growth and remodeling. Berrebeh N, Mbouamboua Y, Thuillet R, Ottaviani M, Robert F, Kamel Chelgham M, Magnone V, Desroches-Castan A, Ricard N, Anegon I, Remy S, Schermuly RT, Lebrigand K, Kojonazarov B, Savale L, Humbert M, Bailly S, Barbry P, Tu L, Guignabert C. **2025** *P Natl Acad Sci Usa.* PMID [40549904](#)
- 8 - Activation of the Immunoregulatory Cation Channel TMEM176B by a Nitroalkene Derivative of Salicylate Prolongs Graft Survival. Galliussi G, Noboa J, Leyva A, Russo S, Collela L, Usal C, Malcuori M, Charbonnier D, Escande C, López GV, Durán R, Anegón I, Hill M, Batthyány C, Segovia M. **2025** *Transplantation.* PMID [40691833](#)
- 9 - Two subsets of regulatory CD8⁺ T cells with differential transcriptome revealed by single cell analysis. Sérazin C, Dugast L, Flippe L, Streitz M, Wending DJ, Schlickeiser S, Heinrich F, Durek P, Guerra GM, Lehmann K, Mashreghi MF, Wajant H, Volk HD, Anegon I, David L, Bézie S, Guillonneau C. **2025** *IScience.* PMID [41069847](#)
- 10 - Inhibition of CD38 enzyme activity on engrafted human immune cells enhances NAD⁺ metabolism and inhibits inflammation in an in-vivo model of xeno-GvHD. Ahmil-Boiteau G, Dalvi P, Dang K, Ugamraj HS, Castello G, Allison J, Schellenberger U, Buelow R, Iyer S, Buelow B, Chini E, Blazar B, Cuturi MC, van Schooten W, Ouisse LH. **2025** *Front Immunol.* PMID [41159029](#)
- 11 - First-in-class anti-human CD45RC antibody targets CD45RC^{high} T and B cells to mitigate pathogenic immune responses. Bergua C, Ahmil-Boiteau G, Ouisse LH, Vimond N, Sérazin C, Dugast L, Humeau R, Salama A, Tesson L, Swinnen K, Van Brempt R, Collette A, Anegon I, Guillonneau C. **2025** *Mol Ther.* PMID [41174880](#)
- 12 - Combination of Orail inhibitor CM5480 with specific therapy mitigates pulmonary hypertension and its cardiac dysfunction. Willer AS, Ruffenach G, Masson B, El Jekmek K, Boët A, Adão R, Gourmelon M, Beauvais A, Sabourin J, Dutheil M, Ghigna MR, Tesson L, Ménoret S, Anegon I, Bauer F, de Montpréville V, Hebbar S, Brás-Silva C, Stauderman K, Humbert M, Mercier O, Montani D, Capuano V, Antigny F. **2025** *Jci Insight.* PMID [41212057](#)

13 - Phenotypic characterization of an Atp13a2 knockout rat model of Parkinson's disease. Kinet R, Sikora J, Arotcarena ML, Decourt M, Balado E, Doudnikoff E, Bohic S, Vesnaver M, Lovisotto A, Thiolat ML, Dutheil N, Mazzocco C, Harhoury K, Steinschneider R, Menoret S, Tesson L, Anegon I, Morari M, Vila M, Georges F, Bezard E, Fernagut PO, Dehay B. **2025** *Npj Parkinsons Dis*. PMID [41253848](#)

14 - The phosphatase activity of soluble epoxide hydrolase regulates vascular calcification through the metabolism of pyrophosphate anions. Messaoudi H, Varennes O, Berg E, Perzo N, Renet S, Chegrani G, Dufлот T, Feugray G, Lillich FF, Kauffenstein G, Brunel V, Six I, Mentaverri R, Richard V, Anegon I, Morisseau C, Kamel S, Proschak E, Bellien J. **2025** *Cell Death Dis*. PMID [41455787](#)

Review, Editorial, Comments

1 - The Autoimmune Regulator (AIRE) Gene, The Master Activator of Self-Antigen Expression in the Thymus. Giraud M, Peterson P. **2025** *Adv Exp Med Biol*. PMID [40067588](#)