

Team2 - 2025

2025-07-15

Original Articles

- 1 - Sperm derived H2AK119ub1 is required for embryonic development in *Xenopus laevis*. Francois-Campion V, Berger F, Oikawa M, Goumeidane M, Mouni   N, Chenouard V, Petrova K, Abreu JG, Fourgeux C, Poschmann J, Peshkin L, Gibeaux R, Jullien J. **2025** *Nat Commun.* PMID [40188103](#)
- 2 - Single cell profiling of circulating autoreactive CD4 T cells from patients with autoimmune liver diseases suggests tissue imprinting. Cardon A, Guinebreti  re T, Dong C, Gil L, Ado S, Gavlovsky PJ, Braud M, Danger R, Schulthei   C, Dom  n   A, Paul-Gilloteaux P, Chevalier C, Bernier L, Judor JP, Fourgeux C, Imbert A, Khaldi M, Bardou-Jacquet E, Elkrief L, Lannes A, Silvain C, Schnee M, Tanne F, Vavasseur F, Brusselle L, Brouard S, Kwok WW, Mosnier JF, Lohse AW, Poschmann J, Binder M, Gournay J, Conchon S, Milpied P, Renand A. **2025** *Nat Commun.* PMID [39880819](#)
- 3 - 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, Qu  m  ner 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](#)
- 4 - Human pluripotent stem cell-derived hepatic progenitors exhibit a partially hypoinmunogenic phenotype and actively inhibit immune responses. Gantier M, M  noret S, Fourrier A, Delbos F, Nguyen TH, Anegon I. **2025** *Front Immunol.* PMID [40070824](#)
- 5 - 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, Cantarovitch D. **2025** *Transpl Int.* PMID [40170787](#)
- 6 - Ultra-Fast Warming Procedure of Vitrified Blastocysts Results in Maintained Embryology and Clinical Outcomes. Lammers J, Reignier A, Loubersac S, Chaillot M, Freour T. **2025** *Reprod Sci.* PMID [39786712](#)
- 7 - 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](#)
- 8 - 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](#)
- 9 - ProAKAP4 concentration in fresh canine semen and its correlation with motility parameters. Bencharif D, Belala R, Mimoune N, Le Couazer D, Farnia H. **2025** *Vet Anim Sci.* PMID [40343160](#)
- 10 - Impaired Aire-dependent IFN signaling in the thymus precedes the protective autoantibodies to IFN  lpha. Stoljar A, Zarodniuk M, Bichele R, Armulik EH, Haljasorg U, Humeau R, Besnard M, Haljasm  gi L, Tserel L, Peltser M, Salumets A, Kek  l  inen E, Kisand K, Guillonneau C, Laan M, Peterson P. **2025** *J Exp Med.* PMID [40304722](#)
- 11 - Deep exploration of logical models of cell differentiation in human preimplantation embryos. Bolteau M, Messaoudi C, David L, Bourdon J, Guziolowski C. **2025** *NPJ Syst Biol Appl.* PMID [40425601](#)
- 12 - Probing the Genomic Distribution of Histone Modifications in Egg Extract-Treated Sperm Nuclei. Berger F, Jullien J. **2025** *Methods Mol Biol.* PMID [40418440](#)
- 13 - Blame it on my youth': when very young age of oocyte donors appears to be associated with poorer embryo development. Roca-Feliu M, Clua E, Pons MC, Garc  a S, Freour T, Polyzos NP. **2025** *Reprod Biomed Online.* PMID [40413852](#)

- 14 - Characteristics, determinants of decision-making process and experience of French men undergoing vasectomy: a cross-sectional multicentric study. Loubersac S, Chaillot M, Loubersac T, Reignier A, Freour T. **2025** *Eur J Contracept Reprod Health Care*. PMID [40366809](#)
- 15 - Comparison of serum inhibin A and estradiol levels for monitoring ovarian stimulation in IVF: a preliminary study. Chaillot M, Inquel A, Reignier A, Loubersac S, Fréour T. **2025** *J Gynecol Obstet Hum Reprod*. PMID [40541680](#)
- 16 - 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** *Proc Natl Acad Sci USA*. PMID [40549904](#)

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](#)