

# Team2 - 2023

06/02/2024

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## Original Articles

- 1 - LIS1, a glyco-humanized swine polyclonal anti-lymphocyte globulin, as a novel induction treatment in solid organ transplantation. Rousse 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](#)
- 2 - CRISPR/Cas9-mediated inactivation of the phosphatase activity of soluble epoxide hydrolase prevents obesity and cardiac ischemic injury. Leuillier M, Dufлот T, Ménoret S, Messaoudi H, Djerada Z, Groussard D, Denis RGP, Chevalier L, Karoui A, Panthu B, Thiébaud PA, Schmitz-Afonso I, Nobis S, Campart C, Henry T, Sautreuil C, Luquet SH, Beseme O, Féliu C, Peyret H, Nicol L, Henry JP, Renet S, Mulder P, Wan D, Tesson L, Heslan JM, Duché A, Jacques S, Ziegler F, Brunel V, Rautureau GJP, Monteil C, do Rego JL, do Rego JC, Afonso C, Hammock B, Madec AM, Pinet F, Richard V, Anegon I, Guignabert C, Morisseau C, Bellien J. **2023** *J Adv Res*. PMID [36585106](#)
- 3 - Impact of the duration of oestradiol treatment on live birth rate in Hormonal Replacement Therapy cycle before frozen blastocyst transfer. Joly J, Goronflot T, Reignier A, Rosselot M, Leperlier F, Barrière P, Gourraud PA, Fréour T, Lefebvre T. **2023** *Hum Fertil*. PMID [36594497](#)
- 4 - CD4+ and CD8+ regulatory T cell characterization in the rat using a unique transgenic Foxp3-EGFP model. Ménoret S, Tesson L, Remy S, Gourrain V, Sérazin C, Usal C, Guiffes A, Chenouard V, Ouisse LH, Gantier M, Heslan JM, Fourgeux C, Poschmann J, Guillonneau C, Anegon I. **2023** *BMC Biol*. PMID [36635667](#)
- 5 - Poly(ethylene oxide)/Gelatin-Based Biphasic Photocrosslinkable Hydrogels of Tunable Morphology for Hepatic Progenitor Cell Encapsulation. Meng Y, Gantier M, Nguyen TH, Nicolai T, Nicol E. **2023** *Biomacromolecules*. PMID [36655630](#)
- 6 - EUGIC (Extension de l'Utilisation de Gamètes en IntraConjugal): Les nouveaux usages des gamètes au sein du couple [EUGIC (Extension of the Use of Gametes in Intra-Conjugal): New uses of gametes within the couple]. Mesnil M, Ranisavljevic N, Brouillet S, Ducrocq B, Reignier A, Yazbeck C, Metzler-Guillemain C, Ohl J, Brunet L, Letur H, Ravel C. **2023** *Gynecol Obstet Fertil Senol*. PMID [36681149](#)
- 7 - Interleukin 27 is a novel cytokine with anti-inflammatory effects against spondyloarthritis through the suppression of Th17 responses. Jauhault Q, Cherqaoui B, Jobart-Malfait A, Glatigny S, Lauraine M, Hulot A, Morelle G, Hagege B, Ermoza K, El Marjou A, Izac B, Saintpierre B, Letourneur F, Rémy S, Anegon I, Boissier MC, Chiochia G, Breban M, Araujo LM. **2023** *Front Immunol*. PMID [36818477](#)
- 8 - Excess of guide RNA reduces knockin efficiency and drastically increases on-target large deletions. Chenouard V, Leray I, Tesson L, Remy S, Allan A, Archer D, Caulder A, Fortun A, Bernardeau K, Cherif Y, Teboul L, David L, Anegon I. **2023** *iScience*. PMID [37034986](#)
- 9 - Lineage segregation in human pre-implantation embryos is specified by YAP1 and TEAD1. Regin M, Essahib W, Demtschenko A, Dewandre D, David L, Gerri C, Niakan KK, Verheyen G, Tournaye H, Sterckx J, Sermon K, Van De Velde H. **2023** *Hum Reprod*. PMID [37295962](#)
- 10 - Transcriptomic Analysis Reveals the Inability of Recombinant AAV8 to Activate Human Monocyte-Derived Dendritic Cells. Masri S, Carré L, Jaulin N, Vandamme C, Couzinié C, Guy-Duché A, Dupont JB, Pereira A, Charpentier E, David L, Gernoux G, Guilbaud M, Adjali O. **2023** *Int J Mol Sci*. PMID [37445621](#)
- 11 - Changes in social behavior with MAPK2 and KCTD13/CUL3 pathways alterations in two new outbred rat models for the 16p11.2 syndromes with autism spectrum disorders. Martin Lorenzo S, Muniz Moreno MDM, Atas H, Pellen M, Nalesso V, Raffelsberger W, Prevost G, Lindner L, Birling MC, Menoret S, Tesson L, Negroni L, Concordet JP, Anegon I, Herault Y. **2023** *Front Neurol*. PMID [37465586](#)

12 - Evaluation of an AAV9-mini-dystrophin gene therapy candidate in a rat model of Duchenne muscular dystrophy. Le Guiner C, Xiao X, Larcher T, Lafoux A, Huchet C, Toumaniantz G, Adjali O, Anegon I, Remy S, Grieger J, Li J, Farrokhi V, Neubert H, Owens J, McIntyre M, Moullier P, Samulski RJ. **2023** *Mol Ther Methods Clin Dev*. PMID [37746247](#)

13 - Autoimmune amelogenesis imperfecta in patients with APS-1 and coeliac disease. Gruper Y, Wolff ASB, Glanz L, Spoutil F, Marthinussen MC, Osickova A, Herzig Y, Goldfarb Y, Aranaz-Novaliches G, Dobeš J, Kadouri N, Ben-Nun O, Binyamin A, Lavi B, Givony T, Khalaila R, Gome T, Wald T, Mrazkova B, Sochen C, Besnard M, Ben-Dor S, Feldmesser E, Orlova EM, Hegedűs C, Lampé I, Papp T, Felszeghy S, Sedlacek R, Davidovich E, Tal N, Shouval DS, Shamir R, Guillonneau C, Szondy Z, Lundin KEA, Osicka R, Prochazka J, Husebye ES, Abramson J. **2023** *Nature*. PMID [37993717](#)

## Review, Editorial, Comments

1 - Does paternal age affect the live birth rate in donor oocyte cycles? A systematic review and meta-analysis. Begon E, Lefebvre T, Arbo E, Bouée S, Darné B, Jaffré F, Languille S, Mellouhi D, Pont JC, Rousset N, Fréour T. **2023** *J Assist Reprod Genet*. PMID [36652117](#)

2 - Generating human blastoids modeling blastocyst-stage embryos and implantation. Heidari Khoei H, Javali A, Kagawa H, Sommer TM, Sestini G, David L, Slovakova J, Novatchkova M, Scholte Op Reimer Y, Rivron N. **2023** *Nat Protoc*. PMID [36792779](#)

3 - Du nouveau dans les modèles d'étude de l'embryon humain [New models to study human embryonic development]. Burgaud M, Bretin B, Reignier A, De Vos J, David L. **2023** *Med Sci*. PMID [36799747](#)

4 - Developmental-stage specific single-cell human embryo dissociation Lammers J, Loubersac S, David L, Freour T, Reignier A. **2023** *STAR Protoc*. PMID [37330906](#)

5 - The human embryo selection arena is associated with transposable element activity. Osnato A, Pasque V, David L. **2023** *PloS Biol*. PMID [37348048](#)

6 - Having a blast(oid): Modeling human embryo peri-implantation development with blastoids. Moinard E, Pasque V, David L. **2023** *Cell Stem Cell*. PMID [37683600](#)

7 - An update on human pre- and peri-implantation development: a blueprint for blastoids. David L, Bruneau A, Fréour T, Rivron N, Van de Velde H. **2023** *Curr Opin Genet Dev*. PMID [37801801](#)

8 - Prospective multicenter observational real-world study to assess the use, efficacy and safety profile of follitropin delta during IVF/ICSI procedures (DELTA Study). Porcu-Buisson G, Maignien C, Swierkowski-Blanchard N, Rongièrès C, Ranisavljevic N, Oger P, Decanter C, Hocké C, Bry-Gauillard H, Grynberg M, Barrière P, Bernot M, Guivarc'h-Levêque A. **2023** *Eur J Obstet Gynecol Reprod Biol*. PMID [38100937](#)