

Team2 - 2024

2024-12-16

Original Articles

- 1 - Characterisation of Mitochondria-associated ER membranes in the enteric nervous system under physiological and pathological conditions. Delfino G, Briand JB, Oullier T, Nienkemper L, Greig J, Veziere J, Neunlist M, Derkinderen P, Paillusson S. **2024** *Am J Physiol Gastrointest Liver Physiol*. PMID [38226933](#)
- 2 - In vitro and in vivo models define a molecular signature reference for human embryonic notochordal cells. Warin J, Vedrenne N, Tam V, Zhu M, Yin D, Lin X, Guidoux-D'halluin B, Humeau A, Roseiro L, Paillat L, Chedeville C, Chariou C, Riemers F, Templin M, Guicheux J, Tryfonidou MA, Ho JWK, David L, Camus A. **2024** *iScience*. PMID [38357665](#)
- 3 - Cryopreserved cGMP-compliant human pluripotent stem cell-derived hepatic progenitors rescue mice from acute liver failure through rapid paracrine effects on liver cells. Gantier M, Rispal R, Fourrier A, Menoret S, Delbos F, Anegon I, Nguyen TH. **2024** *Stem Cell Res Ther*. PMID [38475825](#)
- 4 - Renal graft function in transplanted patients correlates with CD45RC T cell phenotypic signature. Bezie S, Serazin C, Autrusseau E, Vimond N, Giral M, Anegon I, Guillonneau C. **2024** *PloS One*. PMID [38512889](#)
- 5 - Contacting the gut: Mitochondria-associated Endoplasmic Reticulum Membranes in the Enteric Nervous System. Greig J, Delfino G, Derkinderen P, Paillusson S. *Contact (Thousand Oaks)*. **2024** *Contact*. PMID [38585502](#)
- 6 - Female smoking does not affect live birth rate after frozen thawed blastocyst transfer cycle Redon C, Chaillot M, Reignier A, Caillet P, Lefebvre T, Freour T. **2024** *J Gynecol Obstet Hum Reprod*. PMID [38705240](#)
- 7 - Determining the cost-effectiveness of follitropin alfa biosimilar compared to follitropin alfa originator in women undergoing fertility treatment in France. Lehmann M, Arbo E, Pouly JL, Barriere P, Boland LA, Bean SG, Jenkins J. **2024** *Eur J Obstet Gynecol Reprod Biol X*. PMID [38741750](#)
- 8 - Developing and validating a prediction model of live birth following single vitrified-warmed blastocyst transfer. Sokol P, Clua E, Pons MC, Garcia S, Racca A, Freour T, Polyzos NP. **2024** *Reprod Biomed Online*. PMID [38744027](#)
- 9 - Unraveling hallmark suitability for staging pre- and post-implantation stem cell models. Onfray C, Chevolleau S, Moinard E, Girard O, Mahadik K, Allsop R, Georgolopoulos G, Lavigne R, Renoult O, Aksoy I, Lemaitre E, Hulin P, Ouimette JF, Freour T, Pecqueur C, Pineau C, Pasque V, Rougeulle C, David L. **2024** *Cell Rep*. PMID [38761378](#)
- 10 - The Role of Interferon- in Autoimmune Polyendocrine Syndrome Type 1. Oikonomou V, Smith G, Constantine GM, Schmitt MM, Ferre EMN, Alejo JC, Riley D, Kumar D, Dos Santos Dias L, Pechacek J, Hadjiyannis Y, Webb T, Seifert BA, Ghosh R, Walkiewicz M, Martin D, Besnard M, Snarr BD, Deljookorani S, Lee CR, DiMaggio T, Barber P, Rosen LB, Cheng A, Rastegar A, de Jesus AA, Stoddard J, Kuehn HS, Break TJ, Kong HH, Castelo-Soccio L, Colton B, Warner BM, Kleiner DE, Quezado MM, Davis JL, Fennelly KP, Olivier KN, Rosenzweig SD, Suffredini AF, Anderson MS, Swidergall M, Guillonneau C, Notarangelo LD, Goldbach-Mansky R, Neth O, Monserrat-Garcia MT, Valverde-Fernandez J, Lucena JM, Gomez-Gila AL, Garcia Rojas A, Seppänen MRJ, Lohi J, Hero M, Laakso S, Klemetti P, Lundberg V, Ekwall O, Olbrich P, Winer KK, Afzali B, Moutsopoulos NM, Holland SM, Heller T, Pittaluga S, Lionakis MS. **2024** *N Engl J Med*. PMID [38810185](#)
- 11 - Boolean Network Models of Human Preimplantation Development. Bolteau M, Chebouba L, David L, Bourdon J, Guziolowski C. **2024** *J Comput Biol*. PMID [38814745](#)
- 12 - Total blastocyst usable rate is a predictor of cumulative live birth rate in IVF cycles Chaillot M, Reignier A, Freour T. **2024** *J Gynecol Obstet Hum Reprod*. PMID [38830404](#)

- 13 - XIST dampens X chromosome activity in a SPEN-dependent manner during early human development. Alfeghaly C, Castel G, Cazottes E, Moscatelli M, Moinard E, Casanova M, Boni J, Mahadik K, Lammers J, Freour T, Chauviere L, Piqueras C, Boers R, Boers J, Gribnau J, David L, Ouimette JF, Rougeulle C. **2024** *Nat Struct Mol Biol*. PMID [38834912](#)
- 14 - The role of donor hypertension and angiotensin II in the occurrence of early pancreas allograft thrombosis. Masset C, Branchereau J, Buron F, Karam G, Rabeyrin M, Renaudin K, Le Borgne F, Badet L, Matillon X, Legendre C, Glotz D, Antoine C, Giral M, Dantal J, Cantarovich D; DIVAT Consortium. **2024** *Front Immunol*. PMID [38873595](#)
- 15 - Serum androgen dynamics in young women aged 18-40 treated with chemotherapy for breast cancer: an observational, multicentric, prospective study in France. Loubersac S, Chaillot M, Reignier A, Lefebvre T, Dezellus A, Colombel A, Barriere P, Masson D, Freour T. **2024** *Hum Fertil*. PMID [38957151](#)
- 16 - Efficient generation of human immune system rats using human CD34+ cells. Menoret S, Renart-Depontieu F, Martin G, Thiam K, Anegon I. **2024** *Stem Cell Reports*. PMID [39151431](#)
- 17 - Reply to Letter to Editor from Juan-Enrique Schwarze and colleagues - Critical appraisal on "Determining the cost-effectiveness of follitropin alfa biosimilar compared to follitropin alfa originator in women undergoing fertility treatment in France". Lehmann M, Pouly JL, Barriere P, Boland LA, Bean SG, Jenkins J. **2024** *Eur J Obstet Gynecol Reprod Biol X*. PMID [39220093](#)
- 18 - Human pluripotent stem cell-derived organoids repair damaged bowel in vivo. Poling HM, Sundaram N, Fisher GW, Singh A, Shiley JR, Nattamai K, Govindarajah V, Cortez AR, Krutko MO, Menoret S, Anegon I, Kasendra M, Wells JM, Mayhew CN, Takebe T, Mahe MM, Helmuth MA. **2024** *Cell Stem Cell*. PMID [39270642](#)
- 19 - Premiere naissance française en AMP intraconjugale chez un couple composé d'une femme cisgenre et d'une femme transgenre [France's first intraconjugal MAP birth to a couple consisting of a cisgender woman and a transgender woman]. Razafintsalama M, Reignier A, Chaillot M, Freour T. **2024** *Gynecol Obstet Fertil Senol*. PMID [39284547](#)
- 20 - Extension de l'Utilisation de Gametes en IntraConjugal (EUGIC): quel usage des spermatozoïdes d'une femme trans? [Extension of the Use of Gametes in Intra-Conjugal (EUGIC): How to use trans woman' spermatozoa?] Mesnil M, Brunet L, Ranisavljevic N, Brouillet S, Ducrocq B, Reigner A, Yazbeck C, Oancea VG, Metzler-Guillemain C, Ohl J, Letur H, Eustache F, Ravel C. **2024** *Gynecol Obstet Fertil Senol*. PMID [39288834](#)
- 21 - Formation of Human Thymus Organoids in Three-Dimensional Fibrin Hydrogels. d'Arco M, Provin N, Mamini-rina P, Baron O, Guillonneau C, David L, Giraud M. **2024** *J Vis Exp*. PMID [39431803](#)
- 22 - Isolation and tracing of matrix-producing notochordal and chondrocyte cells using ACAN-2A-mScarlet reporter human iPSC lines. Tong X, Poramba-Liyanage DW, van Hoolwerff M, Riemers FM, Montilla-Rojo J, Warin J, Salvatori D, Camus A, Meulenbelt I, Ramos YFM, Geijsen N, Tryfonidou MA, Shang P. **2024** *Sci Adv*. PMID [39441923](#)

Review, Editorial, Comments

- 1 - Editorial: Thymic function at single cell resolution. Laan M, Giraud M, Irla M. **2024** *Front Immunol*. PMID [38259446](#)