



Département d'évaluation
de la recherche

ANNEXE 4 –Produits et activités de la recherche (100%)

CAMPAGNE D'EVALUATION 2018-2019
VAGUE E

Nom de l'unité: **Biologie du Développement et Reproduction**
Acronyme: **UMR BDR 1198**
Directrice: **Corinne COTINOT**

I - PRODUCTION DE CONNAISSANCES ET ACTIVITÉS CONCOURANT AU RAYONNEMENT ET A L'ATTRACTIVITE SCIENTIFIQUE

1- Journaux / Revues

Articles scientifiques (185)

2018 (Classification Noria 2016)

1. **Bonnet-Garnier A.**, Kiêu, K., Aguirre-Lavin T., Tar K., Flores, P., Liu, Z., Yang, CX., **Peynot, N., Chebrou, M.**, Zhou, Q., Dinnyes, A., Duranthon, V., Beaujean N., 2018. Three dimensional analysis of heterochromatin nuclear distribution during rabbit early development. Chromosoma <http://dx.doi.org/10.1007/s00412-018-0671-z> **Excellente**
2. Bourdon, M., Torres, L., Monniaux, D., Faure, C., Levy, R., **Tarrade, A., Rousseau, D., Chavatte-Palmer, P., Jolivet, G.**, 2018. Impact of gestational exposure to diesel exhaust on offspring gonadal development: experimental study in the rabbit. J DOHaD, accepté **Correcte**
3. Fabrèges, D., **Daniel, N., Duranthon, V.**, Peyrieras, N., 2018. Control of inner cells' proportion by asymmetric divisions and ensuing resilience of cloned rabbit. Development, in press **Exceptionnelle**
4. Gamarra, G., Ponsart, C., Lacaze, S., **Nuttinck, F.**, Cordovia, A., Mermillod, P., **Marquant-Le-Guienne, B.**, Monniaux, D., Humblot, P., **Ponter, A.A.**, 2018. Oral propylene glycol modifies follicular fluid and gene expression profiles in cumulus-oocyte complexes and embryos in feed-restricted heifers. Reprod Fert Develop, 30 (3): 417-429 **Excellente**
5. Lecoutre, S., Pourpe, C., Butruille, L., Marousez, L., Laborie, C., Guinez, C., Lesage, J., Vieau, D., Eeckhoutte, J., **Gabory, A.**, Oger, F., Eberlé, D., Breton, C., 2018. Reduced PPAR γ 2 expression in adipose tissue of male rat offspring from obese dam sis associated with epigenetic modifications. FASEB J., 32 (5): 2768-2778 **Exceptionnelle**
6. **Perrier, J-P., Sellem, E., Prézelin, A., Gasselin, M., Jouneau, L., Piumi, F., Al Adhami, H.,** Weber, M., Fritz, S., Boichard, D., Le Danvic, C., Schibler, L., **Jammes, H., Kiefer, H.**, 2018. A multi-scale analysis of bull sperm methylome revealed both species peculiarities and conserved tissue-specific features. BMC Genomics, 19: 404 <http://dx.doi.org/10.1186/s12864-018-4764-0> **Excellente**
7. **Robles, M.**, Nouveau, E., Gautier, C., Mendoza, L., Dubois, C., **Dahirel, M.**, Lagofun, B., **Aubriere, M. C.**, Lejeune, J-P., Caudron, I., Guenon, I., Viguié, C., Wimel, L., Bouraima-Lelong, H., Serteyn, D., **Couturier-Tarrade, A., Chavatte-Palmer, P.**, 2018. Maternal obesity increases insulin resistance, low-grade inflammation and osteochondrosis lesions in foals and yearlings until 18 months of age. Plos One, 13 (1): e0190309 **Excellente**
8. **Robles, M., Peugnet, P.M., Valentino, S.A.**, Dubois, C., **Dahirel, M., Aubriere, M-C.**, Reigner, F., Serteyn, D., Wimel, L., **Tarrade, A., Chavatte-Palmer, P.**, 2018. Placental structure and function in different breeds in horses. Theriogenology, 108: 136-145 **Excellente**
9. **Robles, M., Peugnet, P.**, Dubois, C., **Piumi, F.**, Jouneau, L., Bouchez, O., **Aubriere, M-C., Dahirel, M., Aioun, J.**, Wimel, L., **Couturier-Tarrade, A., Chavatte-Palmer, P.**, 2018. Placental function and structure at term id altered in broodmares fed with cereals from mid-gestation. Placenta, 64: 44-52 **Excellente**

10. **Robles, M.**, Dubois, C., Gautier, M., Guenon, H., Bouraima-Lelong, H., Viguié, C., Wimel, L., **Couturier-Tarrade, A., Chavatte-Palmer, P.**, 2018. Maternal parity affects placental development, growth and metabolism of foals until 1 year and a half. *Theriogenology*, 108: 321-330 **Excellente**
11. **Robles, M., Peugeot, P., Valentino, S.**, Dubois, C., **Dahirel, M., Aubrière, MC.**, Reigner, F., Serteyn, D., Wimel, L., **Tarrade, A., Chavatte-Palmer, P.**, 2018. Placental alterations in structure and function in intra-uterine growth-retarded horses. *Equine Vet J*, 50 (3): 405-414 **Excellente**
12. Tosolini, M., **Brochard, V., Adenot, P., Chebrou, M.**, Grillo, G., Navia, V., Beaujean, N., Francastel C., **Bonnet-Garnier, A., Jouveau, A.**, 2018. Contrasted regulation of pericentromeric heterochromatin in mouse ground naive and primed pluripotent stem cells. *Sci Rep*, 8-5776, doi : 10.1038/s41598-018-23822-4 **Excellente**
13. Valenzuela, O.A., **Couturier-Tarrade, A.**, Choi, Y-H., **Aubrière, M-C.**, Ritthaler, J., **Chavatte-Palmer, P.**, Hinrichs, K., 2018. Impact of equine assisted reproductive technologies (standard embryo transfer or intracytoplasmic sperm injection (ICSI) with in vitro culture and embryo transfer) on placenta and foal morphometry and placental gene expression. *Reprod Fert Develop*, 30 (2): 371-379 **Excellente**
- 2017 (Classification Noria 2016)**
14. Abdoon, A.S., **Giraud-Delville, C.**, Kandil, O. M., **Kerboeuf-Giraud, A., Eozenou, C., Vitorino Carvalho, A.**, Julian, S., **Sandra, O.**, 2017. Maternal recognition of pregnancy and implantation are not associated with an interferon response of the endometrium to the presence of the conceptus in dromedary camel. *Theriogenology*, 90: 301-308 **Excellente**
15. Abitbol, M., Bossé, P., **Grimard, B.**, Martignat, L., Tiret, L., 2017. Allelic heterogeneity of albinism in the domestic cat. *Anim Genet*, 48 (1): 127-128 **Excellente**
16. **Al-Gubory, K.H.**, Faure, P., Garrel, C., 2017. Different enzymatic antioxidative pathways operate within the sheep caruncular and intercaruncular endometrium throughout the estrous cycle and early pregnancy. *Theriogenology*, 99: 111-118 **Excellente**
17. Alminana Brines, C., Corbin, E., Tsikis, G., Soares De Alcantara Neto, A., Labas, V., Reynaud, K., **Galio, L.**, Uzbekov, R., Garanina, AS., Druart, X., Mermillod, P., 2017. Oviduct extracellular vesicles protein content and their role during oviduct-embryo cross talk. *Reproduction*, 154 (3): 153-168 **Excellente**
18. David, SA., Hennequet-Antier, C., **Pannetier, M., Aguirre-Lavin, T.**, Crochet, S., Bordeau, T., Couroussé, N., Brionne, A., Collin, A., Coustham, V. 2017. An assessment of fixed and native chromatin preparation methods to study histone post-translational modifications at a whole genome scale in skeletal muscle tissue. *Biol Proced Online*, 19: 10 **Acceptable**
19. De Cian, M-C., Pauper, E., Bandiera, R., Vidal, VPI., Sacco, S., Gregoire, EP., Chassot, AA., Panzolini, C., Wilhelm, D., **Pailhoux, E.**, Youssef, SA., De Brui, A., De Teerds, K., Schedl, A., Gillot, I., Chaboissier, M.C., 2017. Amplification of R-spondin1 signaling induces granulosa cell fate defects and cancers in mouse adult ovary. *Oncogene*, 36 (2): 208-218 **Exceptionnelle**
20. Deckert, V., Lemaire, S., Ripoll, P-J, Pail de Barros, J-P., Labbé, J., Chabert-Le Borgne, C., Turquois, V., Maquart, G., Larose, D., Desroche, N., Ménétrier, F., Le Guern, N., Lebrun, L.J., Desrumeaux, C., Gautier, T., Grober, J., Thomas, C., Masson, D., **Houdebine, L-M.**, Lagrost, L., 2017. Recombinant human plasma phospholipid transfer protein (PLTP) to prevent bacterial growth and to treat sepsis. *Sci Rep-UK*, 7 (1): 3053 **Excellente**

21. Duchesne, A., Vaiman, A., Castille, J., Beauvallet, C., Gaignard, P., Floriot, S., Rodriguez, S., Vilotte, M., **Boulangier, L.**, Passet, B., Albaric, O., Guillaume, F., Boukadiri, A., Richard, L., Bertaud, M., Timsit, E., Guatteo, R., Jaffrésic, F., Calvel, P., Helary, L., Mahla, R., Esquerré, D., Péchoux, C., Liuu, S., Vallat, J-M., Boichard, D., Slama, A., Vilotte, J-L., 2017. Bovine and murine models highlight novel roles for SLC25A46 in mitochondrial dynamics and metabolism, with implications for human and animal health. *Plos Genet*, 14 (4): e1006597 **Exceptionnelle**
22. Elis, S., Oseikria, M., **Vitorino Carvalho, A.**, Bertevello, P.S., Corbin, E., Teixeira-Gomes, A-P., Lecardonnel, J., **Archilla, C., Duranthon, V.**, Labas, V., Uzbekova, S., 2017. Docosahexaenoic acid mechanisms of action on the bovine oocyte-cumulus complex. *J Ovarian Res*, 10 (1): 74 **Correcte**
23. Gomez, E., Martin, D., Carrocera, S., Sanchez-Calabuig, M.J., Gutierrez-Adan, A., Alonso-Guervos, M., **Peynot, N., Giraud-Delville, C., Sandra, O., Duranthon, V.**, Munoz, M., 2017. Expression and localization of artemin in the bovine uterus and embryos. *Theriogenology*, 90: 153-162 **Excellente**
24. Hue-Beauvais, C., Miranda, G., Aujean, E., Jaffrezic, F., **Rousseau-Ralliard, D., Richard, C.**, Devinoy, E., Martin, P., Charlier, M., 2017. Diet-induced modifications to milk composition have long-term effects on offspring growth in rabbits. *J Anim Sci*, 95 (2): 761-770. Er.1858 **Excellente**
25. Jullien, J., Vodnala, M., Pasque, V., Oikawa, M., Miyamoto, K., Allen, G., David, S. A., **Brochard, V.**, Wang, S., Bradshaw, C., Koseki, H., Sartorelli, V., **Beaujean, N.**, Gurdon, J., 2017. Gene resistance to transcriptional reprogramming following nuclear transfer is directly mediated by multiple chromatin-repressive pathways. *Mol Cell*, 65 (5): 873-884.e8 **Exceptionnelle**
26. Lecoutre, S., Oger, F., pourpe, C., Butruille, L., Marousez, L., Dickes-Coopman, A., Laborie, C., Guinez, C., Lesage, J., Vieau, D., **Junien, C.**, Eberlé, D., **Gabory, A.**, Eeckhoutte, J., Breton, C., 2017. Maternal obesity programs increased leptin gene expression in rat male offspring via epigenetic modifications in a depot-specific manner. *Mol Metab*, 6 (8): 922-930 **Exceptionnelle**
27. **Lelievre, JM., Peynot, N., Ruffini, S., Laffont, L., Le Bourhis, D.**, Girard, PM, **Duranthon, V.**, 2017. Regulation of heat-inducible *HSPA1A* gene expression during maternal-to-embryo transition and response to heat in *in vitro*-produced bovine embryos. *Reprod Fert Develop*, 29 (9): 1868-1881 **Excellente**
28. **Lesage-Padilla, A.**, Forde, N., Poirée, M., Healey, G.D., **Giraud-Delville, C., Reinaud, P., Eozenou, C., Vitorino-Carvalho, A., Galio, L., Raliou, M., Oudin, JF., Richard, C.**, Sheldon, M., **Charpigny, G.**, Lonergan, P., **Sandra, O.**, 2017. Maternal metabolism affects endometrial expression of oxidative stress and FOXL2 genes in cattle. *Plos One*, (12)12: e0189942 **Excellente**
29. Ma, S., Preims, M., **Piumi, F.**, Kappel, L., Seiboth, B., Record, E., Kracher, D., Ludwing, R., 2017. Molecular and catalytic properties of fungal extracellular cellobiose dehydrogenase produced in prokaryotic and eukaryotic expression systems. *Microb Cell Fact*, 16 (1): 37, 14 pages **Excellente**
30. Mitanchez, D., Jacqueminet, S., Nizard, J., Tanguy, M-L., Ciangura, C., Lacorte, J-M., De Carne, C., Foix L'Hélias, L., **Chavatte-Palmer, P.**, Charles, M-A., Dommergues, M., 2017. Effect of maternal obesity on birthweight and neonatal fat mass: a prospective clinical trial. *Plos One*, 12: 7, e0181307 **Excellente**
31. Munoz, M., Martin, D., Carrocera, S., Alonso-Guervos, M., Mora, M.I., Corrales, F.J., **Peynot, N., Giraud-Delville, C., Duranthon, V., Sandra, O.**, Gomez, E., 2017. Localisation of stem cell factor, stanniocalcin-1, connective tissue growth factor and heparin-binding epidermal growth factor in the

bovine uterus at the time of blastocyst formation. *Reprod Fert Develop*, 29 (11): 2127-2139

Excellente

32. **Nuttinck, F., Jouneau, A., Charpigny, G., Hue, I., Richard, C., Adenot, P., Ruffini, S., Laffont, L., Chebrou, M., Duranthon, V.**, Marquant-Le Guienne, B., 2017. Prosurvival effect of cumulus prostaglandin G/H synthase 2/prostaglandin 2 signaling on biovine blastocyst: impact on in vivo posthatching development. *Biol Reprod*, 96 (3): 531-541 **Excellente**
33. O'Doherty, A.M., O'Shea, L.C., **Sandra, O.**, Lonergan, P., Fair, T., Forde, N., 2017. Imprinted and DNA methyltransferase gene expression in the endometrium during the pre- and peri-implantation period in cattle. *Reprod Fert Develop*, 29 (9): 1729-1738 **Excellente**
34. **Ozil, J-P., Sainte-Beuve, T., Banrezes, B.**, 2017. [Mg(2+)]_o/[Ca(2+)]_o determines Ca(2+) response at fertilization: tuning of adult phenotype? *Reproduction*, 154 (5): 675-693 **Excellente**
35. **Peugnet, P.**, Wimel, L., Duchamp, G., Sandersen, C., Camous, S., Guillaume, D., Dahirel, M., Dubois, C., Reignier, F., Berthelot, V., Chaffaux, S., **Tarrade, A.**, Serateyn, D., **Chavatte-Palmer, P.**, 2017. Enhanced or reduced fetal growth induced by embryo transfer into smaller or larger breeds alters post-natal growth and metabolism in weaned horses. *J EVS*, 48: 143-153.e2 **Acceptable**
36. Piras, C., Guo, Y., Soggiu, A., Chanrot, M., Greco, V., Urbani, A., **Charpigny, G.**, Bonizzi, L., Ronada, P., Humblot, P., 2017. Changes in protein expression profiles in bovine endometrial epithelial cells exposed to E. coli LPS challenge. *Mol Biosyst*, 13 (2): 392-405 **Correcte**
37. Rahmoun, M., Lavery, R., Laurent-Chaballier, S., Bellora, N., Philipp, G.K., Rossitto, M., **Pailhoux, E.**, Cammas, F., Chung, J., Bagheri-Fam, S., Murphy, M., Bardwell, V., Zarhower, D., Boizet-Bonhoure, B., Clair, P., Harley, V.R., Poulat, F., 2017. In mammalian foetal testes, SOX9 regulates expression of its target genes by binding to genomic regions with conserved signatures. *Nucleic Acids Res*, 45 (12): 7191-7211 **Exceptionnelle**
38. Rego, R.O., Silva, R.J., Santos, J.F., **Ponter, AA.**, Duvaux-Ponter, C., Afonso, J.A.B., 2017. Do intramuscular injections of beta 1,3-glucan affect metabolic and enzymatic profiles in Santa Ines ewes during late gestation and early lactation? *Recl Med Vet*, 168 (1-3): 21-29 **Sans IF**
39. **Robles, M., Dahirel, M.**, Wimel, L., **Tarrade, A., Chavatte-Palmer, P.**, 2017. Maternal nutrition during pregnancy affects testicular and bone development, glucose metabolism and response to overnutrition in weaned horses up to two years. *Plos One*, 12 (1): e0169295 **Excellente**
40. Tapponnier, Y., Afanssief, M., Aksoy, I., Aubry, M., Moulin, A., Medjani, L., Bouchereau, W., Mayère, C., Osteil, P., Nurse-Francis, J., Oikonomakos, I., Joly, T., Jouneau, L., **Archilla, C., Schmaltz-Panneau, B., Peynot, N.**, Barasc, H., Pinton, A., Lecardonnel, J., Gocza, E., Beaujean, N., **Duranthon, V.**, Savatier, P., 2017. Reprogramming of rabbit induced pluripotent stem cells toward epiblast and chimeric competency using Krüppel-like factors. *Stem Cell Res*, 24: 106-117 **Excellente**
41. Vallot, C., Patrat, C., Collier, A.J., Huret, C., Casanova, M., Liyakat Ali, T., **Tosolini, M.**, Frydman, N., Heard, E., Rugg-Gunn, P., Rougeulle, C., 2017. XACT monocoding RNA competes with XIST in the control of X chromosome activity during human early development. *Cell Stem Cell*, 20 (1): 102-111 **Exceptionnelle**
42. Ventura-Clapier, R., Dworatzek, E., Seeland, U., Kararigas, G., Arnal, J-F., Brunelleschi, S., Carpentier, T.C., Erdmann, J., Franconi, F., Giannetta, E., Glezerman, M., Hofmann, S.M., **Junien, C.**, Katai, M.,

Kublickiene, K., König, I. R., Madgic, G., Malorni, W., Mieth, C., Miller, V.M., Reynolds, R.M., Shimokawa, H., Tannenbaum, C., D'Ursi, A-M., Regitz-Zagrosek, V., 2017. Sex in basic research: concepts in the cardiovascular field. *Cardiovasc Res*, 113 (7): 711-724 **Excellente**

43. **Vitorino Carvalho, A., Canon, E.**, Jouneau, L., **Archilla, C., Laffont, L.**, Moroldo, M., **Ruffini, S.**, Corbin, E., Mermillod, P., **Duranthon, V.**, 2017. Different co-culture systems have the same impact on bovine embryo transcriptome. *Reproduction*, 154 (5): 695-710 **Excellente**
44. Yang, R., Shen, X., Wang, Y., **Voisin, S.**, Cai, G., Fu, Y., Xu, W., Eynon, N., Bishop, D.J., Yan, X., 2017. ACTN3 R577X gene variant is associated with muscle-related phenotypes in elite Chinese sprint/power athletes. *J Strength Cond Res*, 31 (4): 1105-1115 **Correcte**

2016

45. **Al Gubory, K. H.**, Blachier, F., Faure, P., Garrel, C., 2016. Pomegranate pell extract decreases small intestine lipid peroxidation by enhancing activities of major antioxidant enzymes. *J Sci Food Agric*, 96 (10): 3462-3468 **Excellente**
46. **Al Gubory, K. H.**, 2016. Garrel, C., 2016. Sex-specific divergence of antioxidant pathways in fetal brain, liver, and skeletal muscles. *Free Radical Res*, 50(3): 366-373 **Correcte**
47. **Al-Gubory, K.H.**, Garrel, C., Sugino, N., Fowler, P.A., 2016. The conceptus induces a switch in protein expression and activities of superoxide dismutase 1 and 2 in the sheep endometrium during early pregnancy. *Small Ruminant Res*, 141: 77-83 **Correcte**
48. **Allais-Bonnet, A.**, Castille, J., **Pannetier, M.**, Passet, B., **Elzaïat, M., André, M., Montazer-Torbati, F.**, Moazami-Goudarzi, K., Vilotte, J-L., **Pailhoux, E.**, 2016. A specific role for PRND in goat fetal Leydig cells is suggested by prion family gene expression during gonad development in goats and mice. *FEBS Open Bio*, 6 (1): 4-15 **Correcte**
49. Arianmanesh, M., Fowler, P. A., **Al-Gubory, KH**, 2016. The sheep conceptus modulates proteome profiles in caruncular endometrium during early pregnancy. *Anim Reprod Sci*, 175: 48-56 **Excellente**
50. Bellingham, M., Fowler, P. A., MacDonald, E.S., **Mandon-Pepin, B., Cotinot, C.**, Rhind, S., Sharpe, R.M., Evans, N.P., 2016. Timing of maternal exposure and fetal sex determine the effects of low-level chemical mixture exposure on the fetal neuroendocrine system in sheep. *J Neuroendocrinol*, 28 (12) **Correcte**
51. Biase FH., Rabel, C., **Guillomot, M., Hue, I.**, Andropolis, K., Olmstead, CA., Oliveira, R., Wallace, R., Le Bourhis, D., **Richard, C., Champion, E., Chaulot-Talmon, A., Giraud-Delville, C., Taghouti, G., Jammes, H., Renard, JP, Sandra, O.**, Lewin, HA., 2016. Massive dysregulation of genes involved in cell signaling and placental development in cloned cattle conceptus and maternal endometrium. *Proc Natl Acad Sci USA*, 113 (51): 14492-14501 **Exceptionnelle**
52. **Fneich, S.**,Théron, A., Cosseau, C., Rognon, A., Aliaga, B., Buard, J., Duval, D., Arancibia, N., Boissier, J., Roquis, D., Mitta, G., Grunau, C., 2016. Epigenetic origin of adaptive phenotypic variants in the human blood fluke *Schistosoma mansoni*. *Epigenet Chromatin*, 69: 27 **Excellente**
53. Fournier, N., Tardivel, S., Benoist, J-F., Védie, B., **Rousseau-Ralliard, D.**, Nowak, M., Allaoui, F., Paul, J-L, 2016. Eicosapentaenoic acid membrane incorporation impairs ABCA1-dependent cholesterol efflux via a protein kinase A signaling pathway in primary human macrophages. *BBA Cell Bio L*, 1861 (4): 331-341 **Excellente**

54. Healey, G.D., Collier, C., Griffin, S., Schuberth, H. J., **Sandra, O.**, Smith, D.G., Mahan, S., Dieuzy-Labayé, I., Sheldon, I. M., 2016. Mevalonate biosynthesis intermediates are key regulators of innate immunity in bovine endometritis. *J Immunol*, 196 (2): 823-831 **Excellente**
55. **Kiefer, H., Jouneau, L., Campion, E., Rousseau-Ralliard, D.**, Larcher, T., Martin-Magniette, M-L, Balzergue, S., Ledevin, M., **Prézelin, A., Chavatte-Palmer, P., Heyman, Y., Richard, C.**, Le Bourhis, D., **Renard, J-P., Jammes, H.**, 2016. Altered DNA methylation associated with an abnormal liver phenotype in a cattle model with a high incidence of perinatal pathologies. *Sci Rep-UK*, 6: e38869, 18 pages **Excellente**
56. **Koné, M., Fleurot, R., Chebrou, M., Debey, P.**, Beaujean, N., **Bonnet-Garnier, A.**, 2016. Three-dimensional distribution of UBF and Nopp140 in relationship to ribosomal DNA transcription during mouse preimplantation development. *Biol Reprod*, 94 (4): 95, 26 pages **Excellente**
57. Lea, R.G., Amezaga, M.R., **Loup, B., Mandon-Pépin, B.**, Stefansdottir, A., Filis, P., Kyle, C., Zhang, Z., Allen, C., Purdie, L., Jouneau, L., **Cotinot, C.**, Rhind, M.S., Sinclair, D. K., Fowler, P.A., 2016. The fetal ovary exhibits temporal sensitivity to a 'real-life' mixture of environmental chemicals. *Sci Rep-UK*, 6: 22279 **Excellente**
58. Lecoutre, S., Deracinois, B., Laborie C., Eberlé, D., Guinez, C., **Panchenko, P.**, Lesage, J., Vieau, D., **Junien, C., Gabory, A.**, Breton, C., 2016. Depot- and sex-specific effects of maternal obesity in offspring's adipose tissue. *J Endocrinol*, 230 (1): 39-53 **Excellente**
59. Martinet, C., Monnier, P., Louault, Y., Bernard, M., **Gabory, A.**, Dandolo, L., 2016. H19 controls reactivation of the imprinted gene network during muscle regeneration. *Development*, 143 (6): 962-971 **Exceptionnelle**
60. **Mauffré, V., Grimard, B., Eozenou, C.**, Inghels, S., Silva, L., **Giraud-Delville, C.**, Capo, D., **Sandra, O., Constant, F.**, 2016. Interferon stimulated genes as peripheral diagnostic markers of early pregnancy in sheep: a critical assessment. *Animal*, 10 (11): 1856-1863 **Excellente**
61. Maximin, E., Langelier, B., **Aioun, J., Al-Gubory, KH.**, Bordat, C., Lavielle, M., Heberden, C., 2016. Fatty acid binding protein 7 and N-3 poly unsaturated fatty acid supply in early rat brain development. *Dev Neurobiol*, 76 (3): 287-297 **Correcte**
62. Meyerholz, MM., Mense, K., Knaach, H., **Sandra, O.**, Schmicke, M., 2016. Pregnancy-Induced ISG-15 and MX-1 gene expression is detected in the liver of Holstein-Friesian heifers during late peri-implantation period. *Reprod Domest Anim*, 51 (1): 175-177 **Correcte**
63. Meyerholz, MM., Mense, K., Linden, M., **Raliou, M., Sandra, O.**, Schuberth, HJ., Hoedmaker, M., Schmicke, M., 2016. Peripheral thyroid hormone levels and hepatic thyroid hormone deiodinase gene expression in dairy heifers on the day of ovulation and during the early peri-implantation period. *Acta Vet Scand*, 58 (1): 52 **Correcte**
64. Michot, P., Chahory, S., Marete, A., Grohs, C., Dagios, D., Donzel, E., Aboukadiri, A., Deloche, M.C., **Allais-Bonnet, A.**, Chambrial, M., Barbey, S., Genestout, L., Boussaha, M., Danchin-Burge, C., Fritz, S., Boichard, D., Capitan, A., 2016. A reverse genetic approach identifies an ancestral frameshift mutation in RP1 causing recessive progressive retinal degeneration in European cattle Breeds. *Genet Sel Evol*, 48 (1): 56 **Exceptionnelle**

65. Montazer-Torbati, F., Boutinaud, M., Brun, N., **Richard, C.**, neveu, A., Jaffrézic, F., Le Bourhis, D., Nguyen, M., Chadi, S., **Jammes, H., Renard, J-P.**, Chat, S., Boukadiri, A., Devinoy, E., 2016. Differences during the first lactation between cows cloned by somatic cell nuclear and noncloned cows. *J Dairy Sci*, 99 (6): 4778-4794 **Excellente**
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181. Vernet, J., Bugeon, J., Dameron, O., Fatet, A., **Hue, I.**, Hurtaud, C., Joret, L., Meunier-Salaün, MC., Micol, D., Reischstadt, M., Le Bail, PY., 2013. ATOL: une ontologie pour le phénotypage des animaux d'élevage. Colloque du 16 novembre 2010. Du végétal à l'animal: données nouvelles sur la régulation adaptative des génomes: pourquoi l'élevage est-il concerné par l'épigénétique? In Les colloques de l'Académie d'Agriculture de France, 2013, n°1: 56-63

Communications sans actes (Poster ou présentations orales) (71)

2018

France

1. **Bonnet-Garnier A.**, 2018. Functional analysis of nuclear organization during early embryonic development The example of ribosomal genes (rDNA). 2018 Annual Revive Consortium Meeting, Gouvieux, France, 21-23 Janvier 2018 (communication orale)

2017

International

2. **Beaujean, N.**, David, S-A., **Brochard, V.**, Jullien, J., Gurdon, J., 2017. Resistance of reprogramming after nuclear transfer is mediated by multiple chromatin repressive pathways. Chromatin and Epigenetics: from mechanism to function conference, Munich, Allemagne, 5-7 avril 2017, poster
3. Bernal Melendez, E., Bouillaud-Kremarik, P., Callebert, J., Olivier, B., Lacroix, M.-C., Durieux, D., Persuy, M.A., **Couturier-Tarrade, A., Rousseau-Ralliard, D., Chavatte-Palmer, P.**, Baly, C., Schroeder, H., 2017. A daily exposure of rabbit dams to diesel exhaust nanoparticles during gestation impairs the brain and olfactory dopaminergic pathways of offspring. NanoSafety Congress, Saabruken, Allemagne, 11-13 octobre 2017, présentation orale
4. Bertholdt, C., Dap, M., **Mourier, E., Richard, C.**, Schaaf, C., Morel, O., **Chavatte-Palmer, P.**, Beaumont, M., 2017. Evaluation de la perfusion placentaire en IRM : variation des mesures de T2* chez un modèle lapin d'hypoperfusion placentaire aiguë. 6^{ème} Colloque International du Groupe de la

Francophonie Placentaire, «De l'implantation à la parturition: Bases fondamentales et cliniques», Grenoble, France, 7-8 septembre 2017, présentation orale

5. **Mandon-Pépin, B., Allais-Bonnet, A., André, M., Calvel, P., Sellem, E., Chrystelle Le Danvic, C., Prézelin, A., Jammes, H., Pailhoux, E., Kiefer, H., Pannetier, M.**, 2017. Epigenetic reprogramming in the male germ line of ruminants. France Japan Epigenetics Workshop 2017, Paris, France, 6-8 novembre 2017, présentation orale
6. **Prézelin, A., Guillomot, M., Gasselin, M., Perrier, J-P., Gabory, A., Kiefer, H., Jammes, H.**, 2017. Evolution des profils de méthylation (5mC et 5HMC) et d'expression des gènes *DNMTs* et *TETs* dans le lignage trophoblastique et ses dérivés chez le bovin au cours de la gestation. 6^{ème} Colloque International du Groupe de la Francophonie Placentaire, «De l'implantation à la parturition: Bases fondamentales et cliniques», Grenoble, France, 7-8 septembre 2017, poster
7. **Reis, A.P., Trubuil, A., Jouneau, A., Canon, E., Laffont, L., Ruffini, S., Adenot, P., Le Guienne, B., Richard, C., Duranthon, V.**, 2017. Morphokinetic and transcriptomic characterisation of bovine embryos: towards an improvement of the use of embryos for population recovery. Séminaire International CRB Anim, Paris, France 11-12 mai 2017, poster
8. **Robles, M., Peugeot, P., Dubois, C., Piumi, F., Jouneau, L., Aubriere, MC., Dahirel, M., Wimel, L., Couturier-Tarrade, A., Chavatte-Palmer, P.**, 2017. La supplémentation en céréales en fin de gestation perturbe la fonction placentaire chez la jument. 6^{ème} Colloque International du Groupe de la Francophonie Placentaire, «De l'implantation à la parturition: Bases fondamentales et cliniques», Grenoble, France, 7-8 septembre 2017, présentation orale
9. **Tosolini, M., Brochard, V., Adenot, P., Chebrou, M., Giacomo, G., Navia, V., Beaujean, N., Francastel, C., Bonnet-Garnier, A., Jouneau, A.**, 2017. Contrasted regulation of pericentromeric hetero chromatin in mouse ground naive and primed pluripotent stem cells. France-Japan Epigenetics Workshop 2017, Paris, France, 06-08 novembre 2017, poster

France

10. Bernal Melendez, E., Lacroix, M.-C., Callebert, J., Longin, C., Durieux, D., Persuy, M.A., Aioun, J., **Valentino, S., Rousseau-Ralliard, D., Couturier-Tarrade, A., Chavatte-Palmer, P.**, Schroeder, H., Baly, C., 2017. Short-term effects of a gestational exposure to diesel exhaust on the olfactory system development in rabbit pups. Journée Scientifique de la SCMC, Paris, France, 6 mars 2017, présentation orale
11. Canette, A., **Richard, C.**, Meylheuc, T., **Adenot, P., Chavatte-Palmer, P.**, 2017. MIMA2-CIMA Platform. Coalition for Live Imaging Paris-Saclay – CLIPS 2017 «Multiscale Live Imaging in Human, Animal and Plant Health», Gif-Sur-Yvette, France, 12-13 septembre 2017, poster
12. **Grimard, B.**, Chuiton, A., Coignard, M., de Boyr des Roches, A., Mounier, L., Veissier, I., Bareille, N., 2017. Existe-t-il une relation entre bien-être et performances de reproduction chez la vache laitière? Journées de la Recherche, Ecole Nationale Vétérinaire d'Alfort, 27 juin 2017 présentation orale

2016

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13. **Perrier, J-P., Piumi, F., Jouneau, L., Gasselin, M.**, Sellem, E., Le Danvic, C., Fritz, S., Boichard, D., Schibler, L., **Jammes, H., Kiefer, H.**, 2016. Bull spermatozoa methylation landscape displays breed-specific features revealed by RRBS analysis. Livestock Genomic Meeting 2016, Cambridge, Royaume-Uni, 14-16 septembre 2016, communication orale

14. **Piumi, F., Jouneau, L., Gasselín, M., Perrier, J-P., Al Aldhami, H., Jammes, H., Kiefer, H.**, 2016. A new bioinformatics pipeline for livestock RRBS analysis. Livestock Genomic Meeting 2016, Cambridge, Royaume-Uni, 14-16 septembre 2016, poster

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15. **Aïoun J., Tarrade A., Aubrière M-C., Valentino S., Rousseau-Ralliard D., Dahirel M., Lallemand M-S., Mourier E., Richard C., Camous S., Chavatte-Palmer P.**, 2016. Le placenta, organe des échanges foeto-maternels et de la programmation foetale. Caractérisation ultrastructurale du placenta dans un modèle lapin témoin ou soumis pendant la gestation à l'inhalation de gaz d'échappement diesel filtrés. 15^{èmes} Journées de formation du Réseau des Centres Communs de Microscopie électronique, Saint-Étienne, France 1-3 juin 2016, poster
16. **Aïoun, J., Rousseau-Ralliard, D., Aubrière, M-C., Guillomot, M., Jamme, J., Chavatte- Palmer, P., Couturier-Tarrade, A.**, 2016. Effets d'un régime hypergras administré chez les générations F0 et F1 sur les placentas de seconde génération F2, dans un modèle lapin: apports combinés de la microscopie électronique à transmission (MET) et de la microscopie infrarouge à transformée de Fourier couplée à une source synchrotron (S-FTIR). 7^{èmes} JST du Réseau des Microscopistes de l'INRA, Jouy-en-Josas, France, 2-4 novembre 2016, présentation orale
17. **Beaujean Bobineau, N.**, 2016. DOT1L is essential for embryonic development and chromocenters formation in bovine. 5th Annual Meeting EpiGeneSys, Paris, France, 11-13 février 2016
18. **Beaujean Bobineau, N.**, 2016. Identification des modifications post-traductionnelles de l'Histone H3 impliquées dans la condensation des chromosomes « in embryo » Topo Club 2016, Paris, France, 28 janvier 2016
19. **Tosolini, M., Veillard, A.-C., Chebrou, M., Adenot, P., Bonnet-Garnier, A., Beaujean, N., Jouneau, A.**, 2016. Dynamic of nuclear changes occurring during the conversion between naïve (ES) and primed (EpiSC) pluripotent cells. 3rd. Annual Consortium Meeting, Stem Cells in Regenerative Biology and Medicine, Belle Eglise, France, 26-28 janvier 2016

2015

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20. Bonnet, A., **Tarrade, A.**, Riquet, J., Canario, L., Billon, Y., Voillet, V., San Cristobal, M., Maman Haddad, S., Donnadiou, C., Roulet, A., Liaubet, L., 2015. Interaction foeto-maternelle et survie du nouveau-né chez le porc. 4^{ème} congrès Rencontre du Groupe de la Francophonie Placentaire "Le placenta dans tous ses états", Genève, Suisse, 18-19 juin 2015, présentation orale
21. **Gasselín, M., Prezelin, A.**, Boutinaud, M., Debournoux, P., Neveux, N., Fargetton, M., **Renard, J-P., Kiefer, H., Jammes, H.**, 2015. Global DNA methylation in bovine peripheral blood mononuclear cells and in milk somatic cells. Conférence Jacques Monod « DNA methylation and demethylation, Roscoff, France, 16-20 novembre 2015, poster
22. Grybel, K., **Canon, E.**, Pendzialek, M., Schindler, M., Gürke, J., Seeling, T., Blachère, T., Godet, M., Fischer, B., **Duranthon, V.**, Navarrete Santos, A., 2015. *Maternal insulin-dependent diabetes mellitus changes DNA methylation pattern at Oct4 promotor in rabbit blastocysts*. Presented at WG/MC/Scientific Meeting of Action BM1308 "Sharing advances on large animal models" - SALAAM, Poznan, Pologne, 13-16 décembre 2015, poster

23. **Hue, I.,** Fournier, T., Evazin-Brion, D., **Degrelle, S.A.,** 2015. Primary bovine extra-embryonic cultured cells: a new resource for the study of in vivo peri-implanting phenotypes and mesoderm formation. Workshop EMBO, Embryonic-extraembryonic interfaces: Emphasis on molecular control of development in amniotes, Göttingen, Allemagne, 6-9 mai 2015, poster
24. **Hue, I.,** Evain-Brion, D., Fournier, T., **Degrelle, S.A.,** 2015. Cultures primaires de cellules extra-embryonnaires bovines: nouvelles ressources pour étudier les phénotypes péri-implantatoires in vivo et la formation du mésoderme. 4^{ème} Rencontre du Groupe de la Francophonie Placentaire «Le placenta dans tous ses états», Genève, Suisse, du 18 au 19 juin 2015. (présentation de travaux de recherche), présentation orale
25. **Koné, M., Chebrou, M., Fleurot, R., Bonnet Garnier, A., Beaujean, N.,** 2015. Deciphering nucleogenesis in early mouse embryos. Wellcome Trust-Waddington Symposium: “EpiGenetics - in dialogue with the genome”, Edinburgh, Royaume-Uni, 1-5 juin 2015, poster
26. **Panchenko, P., Jouin, M.,** Jouneau, L., **Lemaire, M., Prezelin, A.,** Catonné, A., **Junien, C., Gabory, A.,** 2015. Obésité et perte de poids maternelles: programmation épigénétique dans le placenta et effets sur le phénotype des descendants adultes. 4^{ème} Rencontre du Groupe de la Francophonie Placentaire «Le placenta dans tous ses états», Genève, Suisse, du 18 au 19 juin 2015. (présentation de travaux de recherche) présentation orale
27. **Tosolini, M., Adenot, P., Chebrou, M., Jouneau, L., Beaujean, N., Bonnet Garnier, A., Jouneau, A.,** 2015. Contrasting epigenetic landscape between the different states of mouse in vitro pluripotency. Presented at Stem Cell Epigenetics, Sitges, Espagne, 20-22 septembre 2015
28. **Valentino, S.,** 2015. Rabbit as a model for maternal exposure to diesel engine exhaust. WG/MC/Scientific Meeting of Action BM1308 “Sharing advances on large animal models- SALAAM, Poznan, Pologne, 13-16 décembre 2015, présentation orale
- France**
29. **Aioun, J.,** Chat, S., Bordat, C., Pechoux, C., 2015. Démasquage et préservation antigénique par micro-ondes: Deux exemples biologiques: Les protéines PPAR et cavéoline. 14^{èmes} Journées de Formation du RCCM (Réseau des Centres Communs de Microscopie), Porticcio, France, 20-22 mai 2015, poster
30. **Al Adhami, H., Kiefer, H., Jouneau, L., Piumi, F., Valentino, S., Gassel, M., Tarrade, A., Ralliard-Rousseau, D., Perrier, J-P.,** Renault, V., Tost, J., **Jammes, H., Chavatte-Palmer, P.,** 2015. Studying the placental rabbit methylome and its alteration in intrauterine growth restriction (IUGR) cases during gestation. Conférence Jacques Monod «DNA methylation and demethylation», Roscoff, France, 16-20 novembre 2015, poster
31. **Chettaoui, C., Degrelle, S.,** Trubuil, A., **Hue, I.,** 2015. Towards the modelling of conceptus morphogenesis in ruminants. ITMO Cell Biology, Development and Evolution, Workshop «Modeling in cell and developmental biology», Paris, France, 1^{er} décembre 2015, poster
32. Delmotte, J., **Aloun, J., Tarrade, A., Valentino, S., Guinot, M., Aubrière, M-C., Ralliard-Rousseau, D., Dahirel, M., Lallemand, M-S., Mourier, E., Richard, C., Camous, S., Chavatte-Palmer, P.,** 2015. Effets des gaz d'échappement diesel inhalés par la génération F0 au cours de la gestation sur la morphologie du tissu hépatique des descendants de la génération F2: étude structurale et ultrastructurale dans un modèle lapin. 6^{èmes} journées scientifiques et techniques du Réseau des Microscopistes de l'INRA (RµI), Toulouse, France, 25-27 novembre 2015, poster

33. **Gasselín, M., Prezelin, A.,** Boutinaud, M., Debournoux, P., Neveux, N., Fargetton, M., **Renard, J-P., Kiefer, H., Jammes, H.,** 2015. Global DNA methylation in bovine peripheral blood mononuclear cells and in milk somatic cells. Conférence Jacques Monod «DNA methylation and demethylation», Roscoff, France, 16-20 novembre 2015, poster
34. **Hue, I.,** Evain-Brion, D., Fournier, T., **Degrelle, SA.,** 2015. Bovine primary cells as a new resource to mine extra-embryonic phenotypes in vivo. OPAL, FRANCOIPA, "Place des méthodes de remplacement en experimentation biologique" Paris, France, 4 Novembre 2015, poster
35. **Kiefer, H., Jouneau, L., Campion, E., Rousseau-Ralliard, D.,** Larcher, T., Martin-Magniette, M-L., Balzergue, S., Ledvein, M., **Prezelin, A., Chavatte-Palmer, P., Heyman, Y., Richard, C.,** Le Bourhis, D., **Renard, J-P., Jammes, H.,** 2015. An aberrant age of liver DNA methylation is associated with cloning-induced pathologies. Conférence Jacques Monod «DNA methylation and demethylation», Roscoff, France, 16-20 novembre 2015, présentation orale
36. **Lesage-Padilla, A., Renaud, P., Raliou, M., Galio, L., Bolifraud, P., Giraud-Delville, C., Al-Gubory, KH., Charpigny, G., Eozénu, C., Pannetier, M., Sandra, O.,** 2015. Regulator and target genes of FOXL2 in bovine endometrium. Journée de l'ED419-Biosigne, Kremlin Bicetre, France, 1^{er} juillet 2015, poster
37. **Lesage-Padilla, A., Renaud, P., Richard, C.,** Delessard, M., **Raliou, M., Giraud-Delville, C., Poirée, M., Jouneau, L., Piumi, F., Galio, L., Charpigny, G., Sandra, O.,** 2015. Fonctions biologiques de FOXL2 dans l'endomètre bovin: un gène clé de l'axe reproducteur femelle. Journée de l'ED419-Biosigne, Kremlin Bicetre, France, 15 octobre 2015, 1^{er} prix de présentation, poster
38. **Lesueur, E.,** 2015. TOPAZ1, un gène clé de la spermatogenèse chez la souris. Réunion transversale "Différenciation des Gonades chez les Vertébrés", Nice, France, 11 décembre 2015, présentation orale
39. **Perrier, J-P.,** Sellem, E., **Prézelin, A., Gasselín, M.,** Jouneau, L., **Piumi, F., Al Adhami, H.,** Fritz, S., Boichard, D., Weber, M., **Renard, J-P.,** Schibler, L., **Jammes, H.** and **Kiefer, H.,** 2015. Epigenetics of bovine semen: tools for DNA methylation analysis. Conférence Jacques Monod «DNA methylation and demethylation», Roscoff, France, 16-20 novembre 2015, poster
40. **Robles, M.,** 2015. Effet de la nutrition maternelle sur la croissance et le développement du phénotype métabolique et ostéoarticulaire chez le poulain. 1^{ère} journée des doctorants de la filière équine, journée co-organisée par l'Institut Français du Cheval et de l'Équitation, La fondation Hippolia, Le groupe filière équine de l'Inra, Paris, France, 13 mars 2015 présentation orale

2014

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41. Duan, J., **Tarrade, A.,** Morel, O., Padmanabhan, V., **Chavatte-Palmer, P.,** 2014. Uteroplacental blood flow and placentome morphology alteration in a polycystic ovary syndrome-like phenotype sheep model. (1) 16th world congress of Gynecological Endocrinology, Florence, Italie, 5-8 mars 2014, (2) 23rd European congress of obstetrics and Gynecology, Glasgow, Ecosse, 7-10 mai 2014, poster
42. **Elzaiat, M., Jouneau, L., Thépot, D.,** Klopp, C., **Allais-Bonnet, A.,** Cabau, C., **André, M., Chaffaux, S.,** Cribeu E., **Pailhoux, E., Pannetier, M.,** 2014. DMRT1 turns on testicular differentiation during XX sex-reversal in the goat. 18th European Testis Workshop, Elsinore, Danemark, 13-17 mai 2014, présentation orale

43. Lepeule, J., Tost, J., **Chavatte-Palmer, P.**, Heude, B., Charles, M-A., Slama, R., 2014. Effets de l'exposition fœtale aux polluants de l'air sur la santé de l'enfant: synthèse et résultats récents. VI^e Congrès International d'Epidémiologie- ADEL-EPITER, Nice, France, 10-12 septembre 2014, présentation orale
44. **Luangpraseuth-Prosper, A., Pomerol, E., Baillet, A., Cotinot, C., Mandon-Pepin, B.**, 2014. The topaz1 gene is necessary for spermatogenesis. 18th European Testis Workshop, Elsinore, Danemark, 13-17 mai 2014, poster

France

45. **Beaujean, N., Jouneau, A., Brochard, V.**, Serrano, E., Benkeddache, D., **Boulesteix, C.**, 2014. DNA replication and chromatin remodeling in cloned mouse embryos produced using epiblast stem cells. 3th Annual Consortium Meeting, Stem Cells in Regenerative Biology and Medicine, Belle-Eglise, France, 3-5 février 2014, présentation orale
46. **Canel-Goudard, V., Richard, C., Tarrade, A., Ralliard-Rousseau, D., Mourier, E., Chavatte-Palmer, P.**, 2014. Mise au point d'un modèle de retard de croissance intra-utérin par restriction chirurgicale de la vascularisation utéro-placentaire chez la lapine. 38^{èmes} Journées Nationales du Collège national des Gynécologues Obstétriciens Français, Paris, France, 3-5 décembre 2014, poster
47. **Chavatte-Palmer, P.**, 2014. Mise au point d'un modèle de retard de croissance intra-utérin par restriction chirurgicale de la vascularisation utéro-placentaire chez la lapine. 38^{èmes} Journées Nationales du Collège national des Gynécologues Obstétriciens Français, Paris, France, 3-5 décembre 2014, poster
48. **Elzaïat, M.**, 2014. DMXL2: un nouveau gène impliqué dans la fertilité ? Etude d'un modèle murin. Réunion transversale: «Différenciation des gonades chez les vertébrés», Montpellier, France, 11 juin 2014, présentation orale
49. **Luangpraseuth-Prosper, A.**, 2014. TOPAZ1: Un gène indispensable à la fertilité masculine. Réunion transversale:«Différenciation des gonades chez les vertébrés», Montpellier, France, 11 juin 2014, présentation orale
50. **Pannetier, M., Elzaïat, M., Boulanger, L., Allais-Bonnet, A., Gall, L., Pailhoux E.**, 2014. FOXL2, a critical regulator of steroid synthesis, acts as a female sex-determining gene in goats. 27th Conference of European Comparative Endocrinologists, Rennes, France, 25-29 Aout 2014, présentation orale
51. **Tosolini, M., Veillard, A-C, Chebrou, M., Adenot, P., Bonnet-Garnier, A., Beaujean N. and Jouneau A.**, 2014. Dynamic of nuclear changes occurring during the conversion between naïve (ES) and primed (EpiSC) pluripotent cells. REVIVE, 3rd Consortium Meeting, Stem Cells in Regenerative Biology and Medicine, Chateau St just, Belle-Eglise, France, 3-5 fevrier 2014, poster
52. **Valentino, S., Tarrade, A., Rousseau-Ralliard, D., Dahirel, M.**, Aujean, E., **Mourier, E., Richard, C., Aubrière, M-C.**, Dorival, J., **Chaffaux, S., Camous, S.**, Boere, A.J.F., Fkens, P.H.B., **Aïoun, J., Lallemand, M.S., Maulny, L.**, Slama, R., Cassee, F., **Chavatte-Palmer, P.**, 2014. L'exposition maternelle aux gaz d'échappement de moteur diesel au cours de la gestation affecte le développement foeto-placentaire: validation du modèle lapin Colloque ARET-SFTG 2014: Eco-Géno-Toxicologie des nanomatériaux: bilan et perspectives, Paris, France, 3-4 juin 2014, poster
53. **Valentino, S., Tarrade, A., Rousseau-Ralliard, D., Dahirel, M.**, Aujean, E., **Mourier, E., Richard, C., Aubrière, M-C.**, Dorival, J., **Chaffaux, S., Camous, S.**, Boere, A.J.F., Fkens, P.H.B., **Aïoun, J., Lallemand,**

M.S., Maulny, L., Slama, R., Cassee, F., **Chavatte-Palmer, P.,** 2014. L'exposition maternelle aux gaz d'échappement de moteur diesel au cours de la gestation affecte le développement foeto-placentaire: validation du modèle lapin. 3^{ème} rencontre du Groupe de la Francophonie Placentaire (GfP), Paris, France, 8-9 septembre 2014, présentation orale

2013

International

54. **Beaujean, N.,** 2013. Developmental potential of NT (Nuclear transfer) embryos is linked to constitutive heterochromatin reprogramming. Epigenesys, 2nd Annual meeting, Amsterdam, Pays Bas, 16-18 janvier 2013, poster
55. Cornelis, G., Heidmann, O., Degrelle, S. A., Vernochet, C., Lavialle, C., Letzelter, C., Bernard-Stoecklin, S., Hassanin, A., Mulot, B., **Guillomot, M., Hue, I.,** Heidmann, T., Dupressoir, A., 2013. Captured retroviral envelope syncytin gene associated with the unique placental structure of higher ruminants. Federation of European Microbiological Societies (FEMS-bis), Leipzig, Allemagne, 21-25 juillet 2013, poster
56. **Gabory, A.,** Ferry, L., Jouneau, L., Vigé, A., Mayeur, S., **Attig, L.,** Lesage, J., Vieau, D., Jais, JP., **Junien, C.,** 2013. Maternal diets trigger sex-specific divergent trajectories of gene expression and epigenetic patterns in mouse placenta. Keystone Symposium Nutrition, Epigenetics and Human Disease (B5), Santa Fe, USA, 19-24 février 2013, poster
57. Labbé, C., Conradt, M., Depince, A., **Gabory, A., Jammes, H.,** Le Bail, P.-Y., 2013. Changes in sperm DNA methylation after cryopreservation in fish. 3th International Congress on controversies in cryopreservation of stem cells, reproductive cells, tissue and organs (Cryo), Berlin, Allemagne, 21-23 mars 2013, poster
58. **Mandon-Pepin, B., Loup, B.,** Amezaga, MR, Lea, RG, Sinclair, KD, Rhind, SM, Fowler, PA, **Cotinot, C.** 2013. Comparison of sheep foetal ovarian development after in vivo and in vitro exposure to DEHP/MEHP, PCBs (101+118) and a mixture of both. 7th Copenhagen Workshop on Endocrine Disrupters. Copenhagen, Denmark, 28-31 Mai 2013, poster
59. Nguyen, M., Boutinaud, M., Charlier, M., **Gabory, A.,** Kress, C., Chat, S., Bouet, S., Jaffrezic, F., Klopp, C., Petridou, B., **Jammes, H.,** Devinoy, E., 2013. lncRNA expression and increased DNA methylation in a distal region upstream from the alphaS1 casein gene after once daily milking. (1) Plant and Animal Genome XXI Conference, San Diego, USA, 12-16 janvier 2013, poster
60. **Pannetier, M.,** Jouneau, L., Klopp, C., Laloe, D., **El Zaiat, M., Sandra, O.,** Devinoy, E., **Pailhoux, E.,** 2013. Genome-wide analysis of long non-coding RNAs expression during gonad differentiation in bovine. EMBO EMBL symposia "The Non-Coding Genome", Heidelberg, Allemagne, 9-12 octobre 2013, poster
61. **Rival-Gervier, S.,** Lo, MYM., Khattak, S., Pasceri, P., Lorincz, MC. and Ellis, J., 2013. Kinetics and Epigenetics of Retroviral Silencing in Mouse Embryonic Stem Cells Defined by Deletion of the D4Z4 Element. American Society of gene and cell therapy (ASGCT), Salt Lake City, UT, USA. 15-18 mai 2013. This presentation was in the presidential symposium at the ASGCT annual meeting and was one of the 4 top abstracts selected for the presidential session, poster
62. Rousseau, S., Servin, B., Iannuccelli, N., **Pailhoux, E.,** Riquet, J., 2013. Positional cloning of genes involved in major congenital diseases in pig. Plant and Animal Genome XXI Conference, San Diego, USA, 12-16 janvier 2013, poster

France

63. **Jammes, H., Prézelin, A., Guillomot, M., Gabory, A., Salvaing, J., Fleurot, R., Campion, E., Beaujean, N., Kiefer, H.,** 2013. Analysis of 5-methyl cytosine and 5-hydroxymethyl cytosine contents and distribution in different lineages during the bovine development. Conférence J. Monod, DNA methylation and demethylation, Roscoff, France, 14-18 septembre 2013, poster
64. Jouneau, L., Hendrik, M., **Veillard, A.-C.,** Kaan, A., Stunnenberg, H., **Jouneau, A.,** 2013. *Different patterns of gene body DNA methylation in ESC and EpiSC.* Conférence Jacques Monod, Méthylation et déméthylation de l'ADN, Roscoff, France, 14-18 septembre 2013, poster
65. **Kiefer, H., Jouneau, L., Campion, E.,** Martin-Magniette, M.L., Balzergue, S., **Chavatte-Palmer, P., Heyman, Y., Richard, C., Le Bourhis, D., Renard, J-P.,** 2013. Cloning disrupts the methylation signatures associated to age in cattle. Conférence J. Monod, DNA methylation and demethylation, Roscoff, France, 14-18 septembre 2013, poster
66. Le Bail, P.-Y., Joret, L., Dameron, O., Fatet, A., Hurtaud, C., **Hue, I.,** Meunier-Salaün, M.-C., Nédellec, C., Reichstadt, M., Vernet, J., 2013. *Etat d'avancement d'ATOL et notion de robustesse.* Transversalité du groupe "Domestication" INRA-IFREMER, Paris, France, 03 juin 2013, présentation orale
67. Nguyen, M., Boutinaud, M., Charlier, M., **Gabory, A., Galio, L.,** Kress, C., Chat, S., Bouet, S., Jaffrezic, F., Klopp, C., Petridou, B., **Jammes, H.,** Devinoy, E., 2013. LncRNA expression and increased DNA methylation in a distal region upstream from the alphaS1 casein gene after once daily milking. Conférences Jacques Monod, DNA methylation and demethylation, Roscoff, France, 14-18 septembre 2013, poster
68. **Salvaing, J., Bedhane, M. N., Daniel, N., Adenot, P., Maulny, L., Peynot, N., Duranthon, V., Beaujean, N.,** 2013. DNA methylation and hydroxymethylation in rabbit embryos: effect of in vitro culture. Conférence Jacques Monod, DNA methylation and demethylation, Roscoff, France, 14-18 septembre 2013, poster
69. **Veillard, AC.,** Bernardo, A, **Brochard, V, Jouneau, L,** Pedersen, R, Marks, H, Stunnenberg, H, **Jouneau A.,** 2013. Comparison of DNA methylation between two types of mouse pluripotent stem cells: ESCs and EpiSCs. REVIVE 2nd Consortium Meeting. Chateau St just, Belle-Eglise, France. 19-21 février 2013, présentation orale
70. **Veillard, M-C.,** Marks, H., Bernado, A., Jouneau, L., Laloe, D., **Boulanger, L.,** Kaan, A., **Brochard, V.,** Pedersen, R., Stunnenberg, H., **Jouneau, A.,** 2013. DNA methylation patterns distinguish mouse embryonic stem cells from epiblast stem cells. Conférence J. Monod, DNA methylation and demethylation, Roscoff, France, 14-18 septembre 2013, poster
71. **Vittorino-Carvalho, A., Jolivet, G., Kara-Ali, K., Eozenou, C., Giraud-Delville, C., Gall, L.,** Krauss, D., **Richard, C., Pannetier, M.,** Klopp, C., **Hue, I., Sandra, O.,** 2013. CHIPSTRAFFIC: identification des genes cibles de facteurs de transcription bovins par ChIP et ChIP-seq dans l'endomètre et les tissus extra-embryonnaires à l'implantation. Séminaire AIP Bioressource, Paris, France, 7-8 février 2013, poster

4- Organisation de colloques / congrès (54)

Full organisation of meetings, workshops, mini-symposia (scientific & practical aspects): 17 International (9)

- 1st Meeting of French Society for Extracellular Vesicles (FSEV) Paris, France November 6-7 2017 (210 attendees)
- 1st European Symposium of Sex Determination in Vertebrates (ESSDV) Dinard, France March 1-4 2017 (100 attendees)
- 18th International Congress on Animal Reproduction (<http://animalreproduction.org/>) Tours, France June 26-30 2016 (1200 attendees)
- 2nd International Symposium in Microgenomics Paris, France June 2-3 2016 (160 attendees)
- 41th Annual Conference of the International Embryo Technologies Society (IETS www.iets.org) Versailles, France January 10-13 2015 (650 attendees)
- COST Action BM1308 – Sharing advances on large animal models (SALAAM, 2014-2017)
- Final conference, Halle Germany September 28-29 2017
- 3rd conference, Liblice Czech Republic, November 8-9 2015
- Opening conference, Munich Germany, December 15-16 2014
- Annual meeting, Ohrid Macedonia, October 10-12 2016

National (8)

- 4 Meetings of the SF-DOHaD: Grenoble November 8-9 2018, Paris December 1-2 2016, Nantes November 6-7 2014; Paris November 8-9 2012
- AMP & controversies at the 3rd Repro-Sciences days for the GDR 3606 Reproduction Paris, France, May 31 2018
- Mini-symposium for Japanese visitors from NARO (National Agriculture Research Organization) Jouy en Josas, France January 2018 (20 attendees)
- 1st scientific meeting of SAPS Les Mureaux, France July 6-7 2017: (80 attendees)
- National network for Gonads Differentiation in Vertebrates Jouy-en-Josas, France March 19 2013 (60 attendees)

Co-organisation of meetings (pre-symposium, session, workshop): 21

International (18)

- 10th International Ruminant Reproduction Symposium (IRRS) Iguazu, Brazil September 16-20 2018 (speaker selection, abstracts reviewing)
- Fertility meetings (Society for Reproduction and Fertility) in Manchester July 25 2018, Edimburgh January 5-7 2017
- Embryo Implantation workshop at the 18th ICAR Tours, France June 26-30 2016 (speaker selection, abstracts reviewing, chairman)
- Roadmap for a gender-sensitive approach to health care research and practice in Europe at EUGENMED Brussels, Belgium June 29-30 2015
- Organization for the Study of Sex Differences (OSSD) Annual Meetings Minneapolis, USA April 24-26 2014 and Stanford, USA April 21-23 2015
- Seminar on Livestock at the 6th International EFOR meeting Paris, France March 10 2015 (<https://www.efor.fr/pages/post/?subject=events&id=15>)
- Pre-symposium on Equine Reproduction at IETS, Académie d'Agriculture France, January 8-9 2015. (100 attendees)
- Environmental and Developmental Origins of future Health and Disease: World Health Organization in collaboration with US National Institute of Environmental Health Sciences and WHO Collaborating Centres at PPTOX. Boston, USA 30 Oct 2014
- IFPA (International Fédération of Placental Associations, <https://www.ifpa.epineux.com> Annual meeting, Paris September 9-12 2014 (410 participants).
- Importance of early nutrition on obesity prevention within the 1000 days concept, Bledina Childhood obesity Milan, Italy December 11 2013
- COST Action FA1201 – Epigenetics and Periconception Environment (EPICONCEPT, 2013-2016):
- 4 conferences (Giardini Italy September 26-29; Hersonissos Greece October 06-07 2015; Vilmoura Portugal October 01-03 2014; Antalaya Turkey April 24-25 2013)
- 4 workshops (Velingrad Bulgaria May 18-19 2016; Dubrovnik Croatia April 26-29 2015; Las Palmas Spain May 07-09 2014; Sant Feliu de Guixols Spain October 13-16 2013)

National (3)

- 2nd Repro-Sciences days for the GDR 3606 Reproduction Tours, France April 10-12 2017,
- Common workshop for the Academy of Sciences & Academy of Medicine on Sexual Dimorphism Paris, France December 1 2015

- In utero annual meetings, each year in Paris since 2013 (<https://www.in-utero.fr>)

Editor or Reviewer for meetings, workshops, mini-symposia: 8

- International Symposium on Equine Reproduction, Cambridge, UK, 22-27 July 2018
- International Federation of Placenta Associations Annual meeting Tokyo, Japan, September 21-24 2018. (400 attendees; <http://www.ifpa.epineux.com>)
- 31st to 34th AETE meetings (Association of Embryo Technology in Europe; <https://www.aete.eu>) in Nantes France September 7-8 2018, Bath UK September 8-9 2017, Barcelona Spain September 9-10 2016, Ghent Belgium September 11-12, Dresden Germany September 12-13 2014)
- 9th International Ruminant Reproduction Symposium Obihiro, Japan August 25-29 2014,
- Early Pregnancy, at the 40th IETS Annual Conference Reno, USA January 11-14 2014 review pour World Rabbit Congress

Chairman, roundtable at meetings, workshops or mini-symposia: 5

- Environment and Sexual Dimorphism Satellite at the DOHaD Meeting Capetown, South Africa November 8-12 2015
- Roadmap for a gender-sensitive approach to health care research and practice in Europe, at EUGENMED Brussels June 29-30 2015
- Role of the placenta in Developmental Origins of Health and Disease at the PPTOXIV conference Boston, USA October 26-29 2014
- Importance of early nutrition on obesity prevention within the 1000 days concept. Bledina Childhood Obesity Milan, Italy December 11 2013
- Méditerranée Danone Baby Nutrition Africa; Discussion with experts from North Africa, on public health of 0-3years and pregnant women DOHAD. Valence, Spain, July 5-7 2013

Invitations à des colloques / congrès à l'étranger et en France (162)

International (78)

2018

1. Chavatte-Palmer, P., 2018. Les origines développementales de la santé et des maladies – Journée PMA, Centre de Fertilité du Centre Hospitalier du Luxembourg, Luxembourg- 24 mars 2018
2. Chavatte-Palmer, P., 2018. Effets à long terme de la PMA: que nous apprennent les modèles animaux – Journée PMA, Centre de Fertilité du Centre Hospitalier du Luxembourg, Luxembourg- 24 mars 2018
3. Chavatte-Palmer, P., 2018. Validity of animal models of developmental toxicity. PPTOX VI, 27-30 mai 2018, Feroe Islands, Danemark
4. Jolivet, G., 2018. The rabbit as experimental model for studying the function of genes using the new genome editing technologies: The example of AROMATOSE $-/-$ rabbits. Large Animal Genetic Engineering Summit, Park City, Utah, Etats Unis, 3-6 juin 2018
5. Sandra, O., 2018. Propriétés dynamique de l'endomètre de mammifère: mise en évidence et applications; Endomètre, AMP et environnement: de l'apport des modèles animaux. 2^{èmes} Journées de Fertilité, Société Algérienne de Médecine de la Reproduction, Ghardaïa, Algérie, 02-03 mars 2018

2017

6. Beaujean, N., 2017. Embryo resistance to transcriptional reprogramming following nuclear transfer is mediated by multiple chromatin repressing pathways. Epigenetic mechanisms of male germ cell maturation and early development, Mumbai, Inde, 14-18 février 2017
7. Chavatte-Palmer, P., 2017. Peculiarities of analysis of pregnancies and placental sampling. Workshop of Cost Action BM1308: Principles and procedures of tissue sampling and biobanking including legal and ethical aspects. Munich, Allemagne, 27-31 mars 2017

8. Chavatte-Palmer, P., 2017. The developmental origins of health and disease: Principles and importance for breeding. Séminaire Revisiting standard practices in laboratory rodents. Berne, Suisse, 10-11 mai 2017
 9. Chavatte-Palmer, P., Robles, M., Peugnet, P., 2017. Fetal programming in equine species: lessons from the Foetalim project. Swiss Federal Institute of Technology (ETH), Animal Physiology Group, Zurich, Suisse, 29 mai 2017
 10. Chavatte-Palmer, P., 2017. Maternal nutrition and foetal programming. 31th Annual Meeting of the Brazilian Embryo Technology (STBE), Cabo de Santo Agostinho, Brésil, 17-19 Août 2017
 11. Chavatte-Palmer, P., 2017. Fetal glucose metabolism, programming of growth, predisposition to osteochondrosis dissecans and implications for broodmare management and embryo transfer recipients. The Beva Congress, Liverpool, Royaume-Uni, 13-16 septembre 2017
 12. Chavatte-Palmer, P., Duranthon, V., 2017. Comparative development of embryos and placenta in mammals: how to choose the right biomedical model. COST Action BM 1308 « Sharing Advances on Large Animal Models- SAALAM », final conference –Advances on large animal models: bridging the gap between biomedical research and clinical translation, Halle, Suisse, 28-29 septembre 2017
 13. Jammes, H., 2017. Advances in epigenetic. Séminaire International CRB Anim, Paris, France, 11-12 mai 2017
 14. Tarrade, A., 2017. Maternal exposure to diluted diesel engine exhaust alters placental function of the first and second generation in rabbit model. 8th International Symposium on Nanotechnology, Occupational and Environmental Health, Elsinore, Danemark, 29 mai-1^{er} juin 2017
- [2016](#)
15. Beaujean Bobineau, N., 2016. Early epigenetic reprogramming in fertilized, cloned, and parthenogenetic embryos. 18th International Congress on Animal Reproduction (ICAR), Tours, France, 26 au 30 juin 2016
 16. Chavatte-Palmer, P., 2016. Breeding animals for quality products: not only genetics. 42nd Annual Conference, 2016 International Embryo Transfer Society (IETS), Louisville, Etats-Unis, 23-26 janvier 2016
 17. Chavatte-Palmer, P., 2016. Liens entre nutrition périnatale et développement post-natal: les leçons des modèles animaux. Le Forum Liege creative de l'Université de Liège, "un autre regard" Liège, Belgique, 18 février 2016
 18. Chavatte-Palmer, P., 2016. In utero diesel exhaust exposure induces altered placenta vascularization, placental nanoparticles transfer and intergenerational effects. 55th Annual Meeting and ToxEpo « Creating a safer and healthier world by advancing the science and increasing the impact of toxicology », New Orleans, Louisiane, Etats-Unis, 13-17 mars 2016
 19. Chavatte-Palmer, P., 2016. Gametes, embryos, and their epigenome: considerations for equine embryo technologies. International Symposium on Equine Embryo Transfer and Technology, (ISEET), Gent, Belgique, du 1-3 juillet 2016

20. Chavatte-Palmer, P., 2016. Reproductive effects of gestational exposure to diesel exhaust in a rabbit model. XIV International Congress of Toxicology in conjunction with the X Mexican congress of Toxicology, Merida, Mexique, 2-6 octobre 2016
 21. Hue, I., 2016. Determinant molecular markers for peri-gastrulating bovine embryo development. 42nd Annual Conference, 2016 International Embryo Transfer Society (IETS), Louisville, Etats-Unis, 23-26 janvier 2016
 22. Ozil, J-P., Sainte-Beuve, T., Banrezes, B., 2016. The Ca²⁺ regime at fertilization is determined by the formulation of the culture media. Epiconcept Workshop 2016, Velingrad, Bulgarie, 18-19 mai 2016
 23. Sandra, O., 2016. Nouvelle vision de l'endomètre. Séminaire de Fertilité, Casablanca, Maroc, 27 mai 2016
- [2015](#)
24. Beaujean, N., 2015. Embryo quality and developmental potential: what is the role of « epigenetics »? Veterinary and Animal Science Annual Meeting 2015, Milan, Italie, 15 juillet 2015
 25. Beaujean, N., 2015. Histone post-translational modifications in preimplantation mouse embryos and their role in nuclear architecture. Veterinary and Animal Science Annual Meeting 2015, Milan, Italie, 16 juillet 2015
 26. Beaujean, N., 2015. Epigenetic regulation of early embryonic development. 6.DVR-Kongress Dacheverband reproduktionsbiologie und –medizin e.v., Hambourg, Allemagne, 3-5 décembre 2015
 27. Chavatte-Palmer, P., Peugeot, P., 2015. Introduction to DOHAD and its possible link to the metabolic syndrome in the horse. Equine Reproduction Symposium, Paris, France, 9-10 janvier 2015
 28. Chavatte-Palmer, P., 2015. Modèles animaux. 4^{ème} Rencontre du Groupe de la Francophonie Placentaire, «Le placenta dans tous ses états», Genève, Suisse, 18 juin 2015
 29. Chavatte-Palmer, P., 2015. Diet before and during pregnancy and child health: lessons from animals models. International pediatric conference nutrition, physical activity and well-being: tackling childhood obesity through prevention, VI forum multidisciplinare di nutrizione, pianeta nutrizione & integrazione, Milan, Italie, 25-27 juin 2015
 30. Chavatte-Palmer, P., 2015. The developmental origins of health and disease: importance for animal production. 31^{ème} colloque scientifique de l'Association Européenne de Transfert Embryonnaire (AETE), Ghent, Belgique, 11-12 septembre 2015
 31. Chavatte-Palmer, P., 2015. The use of in vivo imaging to study pregnancy in non-rodent animals. 6th International Scientific Meeting, Days of Veterinary Medicine 2015, Struga, Macedoine, 24-26 septembre 2015
 32. Duranthon, V., 2015. Impact of assisted reproductive technologies on early embryo epigenome: in vitro culture affects embryonic genome demethylation and hydroxymethylation. Epiconcept Conference 2015 “Epigenetics and Periconception”, Hersonissos, Crète, Grèce, 6-7 octobre 2015
 33. Duranthon, V., 2015. Comparative mammalian embryo biology. WG/MC/Scientific Meeting of Action BM1308 “Sharing advances on large animal models” (SALAAM), Poznan, Pologne, 13-16 décembre 2015

34. Gabory, A., Wu, Q., Ferry, L., Panchenko, P., Jouin, M., Attig, L., Junien, C., 2015. Striking sexual dimorphism in nutritional programming of health and diseases: the epigenetic basis. 9th world congress 2015 "Developmental Origins of Health and Disease", Satellite workshop 4 "DOHaD, the Environment and Sexual Dimorphism", Cape Town, South Africa, 8-11 novembre 2015
 35. Hue, I., 2015. Blastocyst growth and differentiation prior to implantation. III Symposium of the Thematic Project: Signatures of Receptivity, University of Sao Paulo, Brésil, 27-28 novembre 2015
 36. Jammes, H., Kiefer, H., Devinoy, E., Renard, J.P. (inv), 2015. Epigenetic databases in cattle and the prediction of phenotypes from genotypes. 66th EAAP Annual Meeting, Varsovie, Pologne, 31 août-4 septembre 2015.
 37. Kiefer, H., 2015. Genome-wide analysis of DNA methylation in clones and nonclones of two different breeds: Holstein and Japanese black. 41st Annual Conference of the International Embryo Transfer Society (IETS), Versailles, France, 10-13 janvier 2015
 38. Mourier, E., 2015. The use of ultrasound biomicroscopy for embryo injections. 41st Annual Conference of the International Embryo Transfer Society (IETS), Versailles, France, 10-13 janvier 2015
 39. Pailhoux, E., 2015. Genetic cascade of sex determination in goats. Seventh International Symposium on Vertebrate Sex Determination, Kona, Hawaii, 13-17 avril 2015
 40. Renard, J. P., 2015. Epigenetic databases in cattle and the prediction of phenotypes from genotypes. 66th EAAP Annual Meeting, Varsovie, Pologne, 31 août-4 septembre 2015
 41. Richard, C., 2015. Transabdominal ultrasound evaluation of bovine fetal development in late gestation. 41st Annual Conference of the International Embryo Transfer Society (IETS), Versailles, France, 10-13 janvier 2015
 42. Sandra, O., 2015. On the way to human ART: a bovine picture. Séminaire, Laboratoire du Prof. JJ. Brosens, University of Warwick, Coventry, Royaume Uni, 22 janvier 2015
 43. Sandra, O., 2015. Embryo-uterine dialogue in the cow. SRF Annual conference 2015, Oxford, Royaume-Uni, 20-22 juillet 2015
 44. Sandra, O., 2015. Endometrial sensor and driving forces in the context of embryo development. 6th Ovarian Club, It's all about energy. What more can we do to improve pregnancy success rates?, Barcelone, Espagne, 14-15 novembre 2015
 45. Tarrade, A., 2015. A short periconceptional maternal hyperglycemia is sufficient to disrupt the fetoplacental phenotype in a rabbit model. 41st Annual Conference of the International Embryo Transfer Society (IETS), Versailles, France, 10-13 janvier 2015
 46. Tarrade, A., 2015. Placenta et syndrome métabolique. 4^{ème} Rencontre du Groupe de la Francophonie Placentaire « Le placenta dans tous ses états », Genève, Suisse, du 18 au 19 juin 2015
- [2014](#)
47. Beaujean, N., 2014. Histone post-translational modifications in preimplantation mouse embryos and their role in nuclear architecture. 3rd SKLRB symposium on reproductive biology, Pékin, Chine, 26-30 octobre 2014

48. Chavatte-Palmer, P., 2014. Learnings from animal data on the first 1000 days of life. Workshop Gallia, Utrecht, Pays Bas, 18 mars 2014
 49. Chavatte-Palmer, P., 2014. The placenta: a key actor in programming adult phenotype. Australian equine science symposium, Surfers Paradise, Queensland, Australie, 18-20 juillet 2014
 50. Chavatte-Palmer, P., 2014. Gestation nutrition and the offspring reproductive system. Joint ISNH/ISRP International Conference 2014: Harnessing the Ecology and Physiology of Herbivores, Canberra, Australie, 8 - 12 September 2014
 51. Chavatte-Palmer, P., 2014. The role of the placenta in mediating maternal environment: clones and other models. Conference 2014 Epiconcept "Epigenetics and Periconception Environment", Vilamoura, Portugal, 01- 03 Octobre 2014
 52. Chavatte-Palmer, P., 2014. Achievements and challenges of imaging in large animals. Conference COST Action BM1308, SALAAM, Munich, Allemagne, 15-17 décembre 2014
 53. Gabory, A., 2014. Placental contribution to nutritional programming of health and diseases: epigenetics and sexual dimorphism. JEB 2014 Symposium « Epigenetics in comparative physiology », Banff, Canada, 29 mars -2 avril 2014
 54. Ozil, J-P., 2014. Oocyte metabolism and programming of long-term development. Conference 2014 Epiconcept "Epigenetics and Periconception Environment", Vilamoura, Portugal, 01- 03 Octobre 2014
 55. Pailhoux E., 2014. FOXL2, a critical regulator of steroid synthesis, acts as a female sex-determining gene in goats. 27th Conference of European Comparative Endocrinologists, Rennes, France, 25- 29 Aout 2014
 56. Sandra, O., 2014. Endometrium as a biological sensor of embryo quality. 11th Congress of the European Society for Immunology of Reproduction, Budapest, Hongrie, 30 mars- 1^{er} avril 2014
 57. Valentino, S., 2014. Maternal exposure to diesel engine exhaust during pregnancy affects fetal and placental growth in a rabbit model. Meeting on reproductive effects of airborne particles, Amsterdam, Pays Bas, 13 mars 2014
- [2013](#)
58. Beaujean, N., 2013. Epigenetic marks and nuclear reprogramming in early embryos: short and long term effects. 1st COST Action FA1201 Epiconcept "Epigenetics and periconception Environment", Antalya, Turquie, 24-25 Avril 2013
 59. Beaujean, N., 2013. Endometrial epigenetic status and disturbances. Séminaire "Uterine Health", Uppsala, Suède, 7 novembre 2013
 60. Boulanger, L., 2013. ZFN, TALEN, CRISPR/Cas9. The new tool of functional genomics. European Cystic Fibrosis Society (ECFS), Basic Science Conférence, Malaga, Espagne, 20-24 Mars 2013
 61. Chavatte-Palmer, P., 2013. Rabbit as a model of feto-maternal interactions and fetal programming. GB-Net COST Action TD 1101 "Collaborative European network on rabbit genome biology", Gödöllo, Hongrie, 26-27 mars 2013

62. Chavatte-Palmer, P., 2013. Monitoring cloned animals from the fetus to the newton lessons from cloned cattle. Scand LAS 2013, Tallin, Estonie, 17-20 avril 2013
63. Chavatte-Palmer, P., 2013. Developmental origins of health and disease : importance in animal production. International Scientific Conference, New trends of research in animal sciences. University of Agriculture in Krakow, Krakow, Pologne, 20-21 juin 2013
64. Chavatte-Palmer, P., 2013. Diet before and during pregnancy and child health: lessons from animals models. Mediterranean obesity symposia “How can early nutrition support obesity prevention in the Mediterranean region”, Valence, Espagne, 5-6 juillet 2013
65. Chavatte-Palmer, P., 2013. Foetal programming and epigenetics: hows important are they for the equine species? Annual meeting of the European Federation of Animal, Nantes, France, 26-30 Aout 2013
66. Daniel, N., 2013. Functional analysis of rabbit pluripotent cells. Plurabbit final meeting, Godollo, Hongrie, 27 mars 2013
67. Duranthon, V., 2013. Rabbit as a model of early embryo development. RGB-Net COST Action TD 1101 “Collaborative European network on rabbit genome biology”, Gödöllo, Hongrie, 26-27 mars 2013
68. Duranthon V. 2013. Refinement of the European rabbit genome resource and development of genome-based platforms. RGBNet Second Annual Meeting. Upsala, Suède, 9-10 avril 2013
69. Duranthon V. 2013. Pluripotency in embryo and in vitro? 4th Mammalian Embryo Genomics meeting, Quebec, Canada, 9-10 octobre 2013
70. Gabory, A., 2013. Epigenetics of sexual dimorphism underdifferent maternal diets in mouse placenta. Epiconcept COST Action FA12012013, Epigenetics for improved food production: from model to practice, Sant Feliu de Guixols, Espagne, 13-16 octobre 2013
71. Jammes, H., 2013. Epigenetic of gametes and fertility in male: potential consequences on progeny. Epiconcept COST Action FA12012013, Epigenetics for improved food production: from model to practice, Sant Feliu de Guixols, Espagne, 13-16 octobre 2013
72. Junien, C., 2013. Infant nutrition: an opportunity to optimize future health. Mediterranean obesity symposia “How can early nutrition support obesity prevention in the Mediterranean region”, Valence, Espagne, 5-6 juillet 2013
73. Junien, C., 2013. Programming of a Sex-Specific High Fat Diet-Resistance Phenotype: Epigenetic Mechanisms. 8th World Congress on Developmental Origins of Health and Diseases, DOHaD 2013, Suntec Singapore, 17-20 novembre 2013
74. Kiefer, H., 2013. Investigation of inter-individual epigenetic variability in bovine clones: a high throughput study. 1st COST Action FA1201 Epiconcept”Epigenetics and Periconception Environment”, Antalya, Turquie, 24-25 Avril 2013
75. Ozil, J-P., 2013. Developmental consequences of egg functioning during fertilization in the mouse. Mammalian Embryology Conference: celebrating pioneering of Prof. A. K. Tarkowski. Varsovie, Pologne, 25-26 octobre 2013
76. Sandra, O., 2013. Endometrial physiology in ruminants. Tierbiochemisches seminar/Animal Biochemistry, Fachbereich Veterinärmedizin der Freien Universität, Berlin, Allemagne, 5 juillet 2013

77. Sandra, O., 2013. Biological sensing of the conceptus by the maternal environment. 29th Scientific meeting of the European Embryo Transfer Association, Istanbul, Turquie, 5-7 septembre 2013
78. Sandra, O., 2013. Mechanisms involved in the immune response of the uterus at implantation in mammals. Séminaire "Uterine Health", Uppsala, Suède, 7 novembre 2013

Invitations

National (84)

2018

1. Chavatte-Palmer, P., 2018. Comment l'alimentation et l'environnement influencent les phénotypes physiologiques et quelques notions sur les mécanismes moléculaires. Epigen: L'épigénétique dans la réponse du vivant aux facteurs environnementaux, Romainville, 13-14 mars 2018
2. Chavatte-Palmer, P., 2018. Que faut-il penser du placenta/utérus artificiel? PMA et controverse, Paris, 31 mai 2018
3. Chavatte-Palmer, P., 2018. La nutrition du placenta. 20^{èmes} Entretiens de Nutrition, Lille, De la conception à la naissance Le père et la mère, Lille, France, 15 juin 2018
4. Junien C., 2018. De la conception à la fin de vie, l'épigénétique orchestre le trio sexe/genre/environnement". EpiGen, Colloque Adebitech, Cité des entreprises de santé et de biotechnologies, Biocitech Romainville-Grand Paris, 13-14 mars 2018
5. Kiefer H., 2018. "Big data pour les données épigénétiques: illustration par des données pan-génomiques de méthylation de l'ADN". EpiGen, Colloque Adebitech, Cité des entreprises de santé et de biotechnologies, Biocitech Romainville-Grand Paris, 13-14 mars 2018
6. Sandra, O., 2018. Ces modèles animaux qui permettent de mieux comprendre l'homme: l'implantation embryonnaire. 20^{èmes} Journées Nationales de la Société de Médecine de la Reproduction, Montpellier, France, 18-20 mai 2018

2017

7. Chavatte-Palmer, P., Duranthon, V., 2017. Aspects cliniques – Impact des milieux de culture et des transferts d'embryons frais/congelés sur le développement: Dans le modèle animal. Feering Today, Monaco, Monaco, 10-11 mars 2017
8. Chavatte-Palmer, P., 2017. Origines développementales de la santé et des maladies et conséquences en élevage. Journée des Doctorants 2017 DIM ASTREA, Paris, France, 31 mars 2017
9. Chavatte-Palmer, P., 2017. Effets d'une exposition aux gaz d'échappement diesel durant la gestation sur la croissance fœtale et la fonction placentaire. 2^{èmes} Journées Scientifiques du GdR Repro «Approche intégrative et translationnelle de la reproduction animale et humaine », Tours, France, 10-12 avril 2017

10. Chavatte-Palmer, P., 2017. Effets d'une exposition à des gaz d'échappement diesel sur la fonction placentaire en première et deuxième génération : étude chez le lapin. 6^{ème} Colloque International du Groupe de la Francophonie Placentaire, «De l'implantation à la parturition: Bases fondamentales et cliniques», Grenoble, France, 7-8 septembre 2017
11. Chavatte-Palmer, P., Richard, C., 2017. In vivo imaging of pregnancy: insight from large animal models. Coalition for Live Imaging Paris-Saclay – CLIPS 2017 «Multiscale Live Imaging in Human, Animal and Plant Health», Gif-Sur-Yvette, France, 12-13 septembre 2017
12. Chavatte-Palmer, P., 2017. Internalisation des nanoparticules issues de la combustion du diesel chez la lapine. Ecole de «Giens» 2017, Groupe Interdisciplinaire pour l'étude des Effets environnementaux des Nanotechnologies, Saint Lambert des Bois, France, 16 octobre 2017
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