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Novel pathways for implantation and establishment and maintenance of pregnancy in mammals

DOI: 10.1093/molehr/gap095

Molecular Human Reproduction, 2010, 16, 135-52.

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**Version:** 2024-04-28

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#	Paper	IF	Citations
271	Effects of early conceptus signals on circulating immune cells: lessons from domestic ruminants. <b>2010</b> , 64, 245-54		50
270	Uterine adenogenesis and pregnancy: multiple roles for Foxa2 in mice. <i>Biology of Reproduction</i> , <b>2010</b> , 83, 319-21	3.9	6
269	Dietary supplementation with 0.8% L-arginine between days 0 and 25 of gestation reduces litter size in gilts. <b>2010</b> , 140, 1111-6		61
268	Functional amino acids in growth, reproduction, and health. <b>2010</b> , 1, 31-7		399
267	RNA sequencing reveals novel gene clusters in bovine conceptuses associated with maternal recognition of pregnancy and implantation. <i>Biology of Reproduction</i> , <b>2011</b> , 85, 1143-51	3.9	68
266	Temporal expression pattern of progesterone receptor in the uterine luminal epithelium suggests its requirement during early events of implantation. <b>2011</b> , 95, 2087-93		32
265	Unique uterine localization and regulation may differentiate LPA3 from other lysophospholipid receptors for its role in embryo implantation. <b>2011</b> , 95, 2107-13, 2113.e1-4		24
264	Select nutrients in the ovine uterine lumen. IX. Differential effects of arginine, leucine, glutamine, and glucose on interferon tau, ornithine decarboxylase, and nitric oxide synthase in the ovine conceptus. <i>Biology of Reproduction</i> , <b>2011</b> , 84, 1139-47	3.9	53
263	Uterine receptivity to implantation of blastocysts in mammals. <b>2011</b> , 3, 745-67		92
262	Parenthood and changing brains. <b>2011</b> , 23, 957-60		1
261	Inhibition of 5 $\beta$ -reductase activity in late pregnancy decreases gestational length and fecundity and impairs object memory and central progesterone milieu of juvenile rat offspring. <b>2011</b> , 23, 1079-90		26
260	Preimplantation exposure to bisphenol A (BPA) affects embryo transport, preimplantation embryo development, and uterine receptivity in mice. <i>Reproductive Toxicology</i> , <b>2011</b> , 32, 434-41	3.4	84
259	How endometrial secretomics can help in predicting implantation. <b>2011</b> , 32 Suppl 3, S271-5		40
258	The unexplained female predominance of systemic lupus erythematosus: clues from genetic and cytokine studies. <b>2011</b> , 40, 42-9		131
257	Uterine histotroph and conceptus development: select nutrients and secreted phosphoprotein 1 affect mechanistic target of rapamycin cell signaling in ewes. <i>Biology of Reproduction</i> , <b>2011</b> , 85, 1094-107 <sup>3.9</sup>		62
256	Novel insights into the mechanisms of pregnancy establishment: regulation of prostaglandin synthesis and signaling in the pig. <b>2011</b> , 142, 389-99		64
255	Endometrial expression of progesterone-induced blocking factor and galectins-1, -3, -9, and -3 binding protein in the luteal phase and early pregnancy in cattle. <b>2011</b> , 43, 903-10		12

254	Improvement in embryo quality and pregnancy rates by using autologous cumulus body during icsi cycles. <b>2011</b> , 12, 162-7		2
253	Contributions of an animal scientist to reproductive biology. <i>Biology of Reproduction</i> , <b>2011</b> , 85, 228-42	3.9	6
252	Prostaglandins regulate conceptus elongation and mediate effects of interferon tau on the ovine uterine endometrium. <i>Biology of Reproduction</i> , <b>2011</b> , 84, 1119-27	3.9	113
251	Changes in the endometrial transcriptome during the bovine estrous cycle: effect of low circulating progesterone and consequences for conceptus elongation. <i>Biology of Reproduction</i> , <b>2011</b> , 84, 266-78	3.9	189
250	Pregnancy and interferon tau regulate DDX58 and PLSCR1 in the ovine uterus during the peri-implantation period. <b>2011</b> , 141, 127-38		16
249	Growth and development of the ovine conceptus. <i>Journal of Animal Science</i> , <b>2012</b> , 90, 159-70	0.7	43
248	Novel aspects of endometrial function: a biological sensor of embryo quality and driver of pregnancy success. <b>2011</b> , 24, 68-79		28
247	Regulatory mechanism for expression of IL1B receptors in the uterine endometrium and effects of IL1B on prostaglandin synthetic enzymes during the implantation period in pigs. <i>Biology of Reproduction</i> , <b>2012</b> , 87, 31	3.9	31
246	Endometrial HSD11B1 and cortisol regeneration in the ovine uterus: effects of pregnancy, interferon tau, and prostaglandins. <i>Biology of Reproduction</i> , <b>2012</b> , 86, 124	3.9	20
245	Regulation of brown adipose tissue development and white fat reduction by L-arginine. <b>2012</b> , 15, 529-38		50
244	FOXL2 is regulated during the bovine estrous cycle and its expression in the endometrium is independent of conceptus-derived interferon tau. <i>Biology of Reproduction</i> , <b>2012</b> , 87, 32	3.9	19
243	Comparison of the effects of early pregnancy with human interferon, alpha 2 (IFNA2), on gene expression in bovine endometrium. <i>Biology of Reproduction</i> , <b>2012</b> , 86, 46	3.9	67
242	Effects of low progesterone on the endometrial transcriptome in cattle. <i>Biology of Reproduction</i> , <b>2012</b> , 87, 124	3.9	55
241	Conceptus-derived prostaglandins regulate endometrial function in sheep. <i>Biology of Reproduction</i> , <b>2012</b> , 87, 9, 1-7	3.9	25
240	Swine leukocyte antigen-DQ expression and its regulation by interferon-gamma at the maternal-fetal interface in pigs. <i>Biology of Reproduction</i> , <b>2012</b> , 86, 43	3.9	25
239	Effects of human chorionic gonadotrophin administration on day 5 after oestrus on corpus luteum characteristics, circulating progesterone and conceptus elongation in cattle. <b>2012</b> , 24, 472-81		57
238	Interaction of the conceptus and endometrium to establish pregnancy in mammals: role of interleukin 1β <b>2012</b> , 349, 825-38		65
237	Differences in uterine immunoexpression of PR, ERα and OTR when comparing prostaglandin- to progestagen-based protocols for ovine estrus synchronization. <i>Animal Reproduction Science</i> , <b>2012</b> , 133, 93-100	2.1	5

236	Involvement of Src family of kinases and cAMP phosphodiesterase in the luteinizing hormone/chorionic gonadotropin receptor-mediated signaling in the corpus luteum of monkey. <b>2012</b> , 10, 25	14
235	Nutrition, epigenetics, and metabolic syndrome. <b>2012</b> , 17, 282-301	191
234	Select nutrients, progesterone, and interferon tau affect conceptus metabolism and development. <b>2012</b> , 1271, 88-96	32
233	Uterine biology in pigs and sheep. <b>2012</b> , 3, 23	80
232	Proteomic characterization of histotroph during the preimplantation phase of the estrous cycle in cattle. <b>2012</b> , 11, 3004-18	41
231	Differential expression and regulation of angiopoietin-3 in mouse uterus during preimplantation period. <b>2012</b> , 318, 316-24	5
230	Dietary L-arginine supplementation enhances placental growth and reproductive performance in sows. <b>2012</b> , 42, 2207-14	96
229	Mechanistic mammalian target of rapamycin (MTOR) cell signaling: effects of select nutrients and secreted phosphoprotein 1 on development of mammalian conceptuses. <b>2012</b> , 354, 22-33	38
228	Lactocrine programming of female reproductive tract development: environmental connections to the reproductive continuum. <b>2012</b> , 354, 16-21	25
227	Galectin fingerprinting detects differences in expression profiles between bovine endometrium and placentomes as well as early and late gestational stages. <b>2012</b> , 33, 195-201	19
226	Biological mechanisms for nutritional regulation of maternal health and fetal development. <b>2012</b> , 26 Suppl 1, 4-26	159
225	Induction of 11 $\beta$ HSD 1 and activation of distinct mineralocorticoid receptor- and glucocorticoid receptor-dependent gene networks in decidualizing human endometrial stromal cells. <b>2013</b> , 27, 192-202	52
224	Estradiol antagonism of glucocorticoid-induced GILZ expression in human uterine epithelial cells and murine uterus. <b>2013</b> , 154, 499-510	39
223	The effects of dietary supplementation with chromium picolinate throughout gestation on productive performance, Cr concentration, serum parameters, and colostrum composition in sows. <b>2013</b> , 154, 55-61	8
222	Alterations in expression of endometrial genes coding for proteins secreted into the uterine lumen during conceptus elongation in cattle. <i>BMC Genomics</i> , <b>2013</b> , 14, 321	4-5 35
221	Sustainable Food Production. <b>2013</b> , 1633-1665	
220	Pregnancy recognition signaling mechanisms in ruminants and pigs. <b>2013</b> , 4, 23	104
219	Effects of ethanolic leaf extract of <i>Spondias mombin</i> on the pituitary-gonadal axis of female Wistar rats. <i>Asian Pacific Journal of Reproduction</i> , <b>2013</b> , 2, 169-173	1.1 7

218	Uterine glands: development, function and experimental model systems. <i>Molecular Human Reproduction</i> , <b>2013</b> , 19, 547-58	4.4	115
217	Cortisol and interferon tau regulation of endometrial function and conceptus development in female sheep. <b>2013</b> , 154, 931-41		27
216	Contributions of an animal scientist to understanding the biology of the uterus and pregnancy. <b>2012</b> , 25, 129-47		12
215	Manipulation of the proestrous by exogenous gonadotropin and estradiol during a timed artificial insemination protocol in suckled <i>Bos indicus</i> beef cows. <b>2013</b> , 154, 229-234		7
214	Epidermal growth factor stimulates proliferation and migration of porcine trophoctoderm cells through protooncogenic protein kinase 1 and extracellular-signal-regulated kinases 1/2 mitogen-activated protein kinase signal transduction cascades during early pregnancy. <b>2013</b> , 381, 302-11		30
213	Effects of estradiol in adult neurogenesis and brain repair in zebrafish. <b>2013</b> , 63, 193-207		110
212	Impacts of arginine nutrition on embryonic and fetal development in mammals. <b>2013</b> , 45, 241-56		195
211	Effects of "Bu Shen Huo Xue Decoction" on the Endometrial Morphology and Expression of Leukaemia Inhibitory Factor in the Rat Uterus during the Oestrous Cycle. <b>2013</b> , 2013, 496036		5
210	Conceptus-derived prostaglandins regulate gene expression in the endometrium prior to pregnancy recognition in ruminants. <b>2013</b> , 146, 377-87		81
209	Regulation of the hyaluronan system in ovine endometrium by ovarian steroids. <b>2013</b> , 145, 491-504		17
208	Proteomic profiles of the embryonic chorioamnion and uterine caruncles in buffaloes ( <i>Bubalus bubalis</i> ) with normal and retarded embryonic development. <i>Biology of Reproduction</i> , <b>2013</b> , 88, 119	3.9	23
207	Secondary corpora lutea induced by HCG treatment enhanced demi-embryo survival in lactating high-yielding dairy cows. <b>2013</b> , 48, 643-50		8
206	Early pregnancy: Concepts, challenges, and potential solutions. <b>2013</b> , 3, 48-55		37
205	Analysis of legumain and cystatin 6 expression at the maternal-fetal interface in pigs. <i>Molecular Reproduction and Development</i> , <b>2013</b> , 80, 570-80	2.6	11
204	Differential expression and regulation of PNA and UEA-1 bindings in rabbit uterus during preimplantation period. <b>2013</b> , 76, 398-403		1
203	Effects of Equine Chorionic Gonadotropin on Follicular, Luteal and Conceptus Development of Non-Lactating <i>Bos Indicus</i> Beef Cows Subjected to a Progesterone Plus Estradiol-Based Timed Artificial Insemination Protocol. <b>2013</b> , 12, e61		
202	Evaluation of treatments with hCG and carprofen at embryo transfer in a demi-embryo and recipient virgin heifer model. <b>2013</b> , 7, 1317-22		7
201	Physiology and Endocrinology Symposium: biological role of interferon tau in endometrial function and conceptus elongation. <i>Journal of Animal Science</i> , <b>2013</b> , 91, 1627-38	0.7	76

200	Transcriptome analysis reveals new insights into the modulation of endometrial stromal cell receptive phenotype by embryo-derived signals interleukin-1 and human chorionic gonadotropin: possible involvement in early embryo implantation. <i>PLoS ONE</i> , <b>2013</b> , 8, e64829	3.7	29
199	Role of Candidate Genes Regulating Uterine Prostaglandins Biosynthesis for Maternal Recognition of Pregnancy in Domestic Animals. <b>2013</b> , 2013, 1-8		1
198	Uterine glands: biological roles in conceptus implantation, uterine receptivity and decidualization. <b>2014</b> , 58, 107-16		84
197	Expression patterns of microRNAs in porcine endometrium and their potential roles in embryo implantation and placentation. <i>PLoS ONE</i> , <b>2014</b> , 9, e87867	3.7	49
196	mTOR signalling, embryogenesis and the control of lung development. <b>2014</b> , 36, 68-78		20
195	Toxic effects of maternal zearalenone exposure on uterine capacity and fetal development in gestation rats. <b>2014</b> , 21, 743-53		40
194	Restoration of ovarian function and natural fertility following the cryopreservation and autotransplantation of whole adult sheep ovaries. <b>2014</b> , 29, 1749-63		46
193	Supplementation of bovine embryo culture medium with L-arginine improves embryo quality via nitric oxide production. <i>Molecular Reproduction and Development</i> , <b>2014</b> , 81, 918-27	2.6	18
192	Environmental factors affecting pregnancy: endocrine disrupters, nutrients and metabolic pathways. <b>2014</b> , 398, 53-68		20
191	Interdisciplinary collaborative team for blastocyst implantation research: inception and perspectives. <b>2014</b> , 71, 1-11		1
190	Cytokines from the pig conceptus: roles in conceptus development in pigs. <b>2014</b> , 5, 51		42
189	Conceptus elongation in ruminants: roles of progesterone, prostaglandin, interferon tau and cortisol. <b>2014</b> , 5, 53		72
188	SOCS genes expression during physiological and perturbed implantation in bovine endometrium. <b>2014</b> , 148, 545-57		15
187	Biological roles of uterine glands in pregnancy. <b>2014</b> , 32, 346-57		59
186	Prostaglandin transporters ABCC4 and SLCO2A1 in the uterine endometrium and conceptus during pregnancy in pigs. <i>Biology of Reproduction</i> , <b>2014</b> , 90, 100	3.9	28
185	Effect of oestrus synchronization with PGF <sub>2α</sub> /eCG/hCG on luteal P4 synthesis in early pregnant gilts. <b>2014</b> , 49, 1034-42		3
184	Dietary supplementation with L-arginine between days 14 and 25 of gestation enhances embryonic development and survival in gilts. <b>2014</b> , 46, 375-84		68
183	Resynchronization with unknown pregnancy status using progestin-based timed artificial insemination protocol in beef cattle. <i>Theriogenology</i> , <b>2014</b> , 81, 284-90	2.8	29

182	Functional role of arginine during the peri-implantation period of pregnancy. II. Consequences of loss of function of nitric oxide synthase NOS3 mRNA in ovine conceptus trophectoderm. <i>Biology of Reproduction</i> , <b>2014</b> , 91, 59	3.9	26
181	Effects of GnRH antagonist on endometrial protein profiles in the window of implantation. <b>2014</b> , 14, 2350-9		22
180	Proteomic analysis of uterine fluid during the pre-implantation period of pregnancy in cattle. <b>2014</b> , 147, 575-87		83
179	The Role of Conceptus-maternal Signalling in the Acquisition of Uterine Receptivity to Implantation in Mammals. <b>2015</b> , 50 Suppl 3, 7-14		8
178	Endometrial gene expression profile of pregnant sows with extreme phenotypes for reproductive efficiency. <i>Scientific Reports</i> , <b>2015</b> , 5, 14416	4.9	14
177	Select nutrients and their effects on conceptus development in mammals. <b>2015</b> , 1, 85-95		36
176	Transcriptome Analysis Revealed the Embryo-Induced Gene Expression Patterns in the Endometrium from Meishan and Yorkshire Pigs. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 22692-710	6.3	11
175	Analysis of Stage-Specific Gene Expression Profiles in the Uterine Endometrium during Pregnancy in Pigs. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143436	3.7	13
174	Uterine histotroph and conceptus development. I. cooperative effects of arginine and secreted phosphoprotein 1 on proliferation of ovine trophectoderm cells via activation of the PDK1-Akt/PKB-TSC2-MTORC1 signaling cascade. <i>Biology of Reproduction</i> , <b>2015</b> , 92, 51	3.9	16
173	Changes in receptivity epithelial cell markers of endometrium after ovarian stimulation treatments: its role during implantation window. <b>2015</b> , 12, 45		8
172	Temporal Release, Paracrine and Endocrine Actions of Ovine Conceptus-Derived Interferon-Tau During Early Pregnancy. <i>Biology of Reproduction</i> , <b>2015</b> , 93, 146	3.9	37
171	Deletion of Lysophosphatidic Acid Receptor 3 (Lpar3) Disrupts Fine Local Balance of Progesterone and Estrogen Signaling in Mouse Uterus During Implantation. <i>Biology of Reproduction</i> , <b>2015</b> , 93, 123	3.9	16
170	The many faces of interferon tau. <b>2015</b> , 47, 449-60		44
169	Biological Roles of Hydroxysteroid (11-Beta) Dehydrogenase 1 (HSD11B1), HSD11B2, and Glucocorticoid Receptor (NR3C1) in Sheep Conceptus Elongation. <i>Biology of Reproduction</i> , <b>2015</b> , 93, 38	3.9	22
168	Cell Signaling During Mammalian Early Embryo Development. <b>2015</b> ,		7
167	Expression and localization of interleukin 1 beta and interleukin 1 receptor (type I) in the bovine endometrium and embryo. <b>2015</b> , 110, 1-13		16
166	Early development and function of the corpus luteum and relationship to pregnancy in the buffalo. <i>Theriogenology</i> , <b>2015</b> , 83, 959-67	2.8	18
165	Biological roles of interferon tau (IFNT) and type I IFN receptors in elongation of the ovine conceptus. <i>Biology of Reproduction</i> , <b>2015</b> , 92, 47	3.9	33

164	Amino acids and conceptus development during the peri-implantation period of pregnancy. <b>2015</b> , 843, 23-52		47
163	Functional roles of arginine during the peri-implantation period of pregnancy. III. Arginine stimulates proliferation and interferon tau production by ovine trophectoderm cells via nitric oxide and polyamine-TSC2-MTOR signaling pathways. <i>Biology of Reproduction</i> , <b>2015</b> , 92, 75	3.9	32
162	Dimethylated H3K27 Is a Repressive Epigenetic Histone Mark in the Protist <i>Entamoeba histolytica</i> and Is Significantly Enriched in Genes Silenced via the RNAi Pathway. <b>2015</b> , 290, 21114-21130		27
161	Effect of Xianziyizhen Recipe Capsule on PGI2-PPAR $\beta$ Signaling Pathway in Embryo Implantation Dysfunction Mice. <b>2015</b> , 73, 545-56		2
160	Maternal N-Carbamylglutamate Supplementation during Early Pregnancy Enhances Embryonic Survival and Development through Modulation of the Endometrial Proteome in Gilts. <b>2015</b> , 145, 2212-20		16
159	Implantation and Establishment of Pregnancy in Ruminants. <i>Advances in Anatomy, Embryology and Cell Biology</i> , <b>2015</b> , 216, 105-35	1.2	42
158	The Role of Progesterone in Maternal Recognition of Pregnancy in Domestic Ruminants. <i>Advances in Anatomy, Embryology and Cell Biology</i> , <b>2015</b> , 216, 87-104	1.2	14
157	Implantation and Establishment of Pregnancy in the Pig. <i>Advances in Anatomy, Embryology and Cell Biology</i> , <b>2015</b> , 216, 137-63	1.2	22
156	Regulation of Implantation and Establishment of Pregnancy in Mammals. <i>Advances in Anatomy, Embryology and Cell Biology</i> , <b>2015</b> ,	1.2	5
155	Supplementation with rumen-protected L-arginine-HCl increased fertility in sheep with synchronized estrus. <b>2015</b> , 47, 1067-73		10
154	Mitogen activated protein kinase pathway-dependent effects of platelet-derived growth factor on migration of trophectoderm cells. <b>2015</b> , 463, 575-81		4
153	Ultrasound monitoring of blood flow and echotexture of the corpus luteum and uterus during early pregnancy of beef heifers. <i>Theriogenology</i> , <b>2015</b> , 83, 449-58	2.8	33
152	Fetal Programming, Maternal Nutrition, and Oxidative Stress Hypothesis. <b>2016</b> , 06, 96-102		6
151	Investigation of interferon-tau stimulated genes (ISGs) simultaneously in the endometrium, corpus luteum (CL) and peripheral blood leukocytes (PBLs) in the preluteolytic stage of early pregnancy in ewes. <b>2016</b> , 140, 1-6		6
150	The effect of a specific histidine-rich glycoprotein polymorphism on male infertility and semen parameters. <b>2016</b> , 33, 180-8		3
149	Effects of agmatine on secretion of interferon tau and catecholamines and expression of genes related to production of polyamines by ovine trophectoderm cells. <b>2016</b> , 48, 2389-99		10
148	Expression of estrus modifies the gene expression profile in reproductive tissues on Day 19 of gestation in beef cows. <i>Theriogenology</i> , <b>2016</b> , 85, 645-55	2.8	49
147	Maternal environment and placental vascularization in small ruminants. <i>Theriogenology</i> , <b>2016</b> , 86, 288-305		23



146	Lysophosphatidic Acid (LPA) Receptor 3-Mediated LPA Signal Transduction Pathways: A Possible Relationship with Early Development of Peri-Implantation Porcine Conceptus. <i>Biology of Reproduction</i> , <b>2016</b> , 94, 104	3.9	11
145	Gestation-related gene expression and protein localization in endometrial tissue of Suffolk and Cheviot ewes at gestation Day 19, after transfer of Suffolk or Cheviot embryos. <i>Theriogenology</i> , <b>2016</b> , 86, 1557-1565	2.8	4
144	Uterine Histotroph and Conceptus Development. II. Arginine and Secreted Phosphoprotein 1 Cooperatively Stimulate Migration and Adhesion of Ovine Trophectoderm Cells via Focal Adhesion-MTORC2 Mediated Cytoskeleton Reorganization. <i>Biology of Reproduction</i> , <b>2016</b> , 95, 71	3.9	13
143	Analysis of the Uterine Epithelial and Conceptus Transcriptome and Luminal Fluid Proteome During the Peri-Implantation Period of Pregnancy in Sheep. <i>Biology of Reproduction</i> , <b>2016</b> , 95, 88	3.9	37
142	Expression of genes involved in progesterone receptor paracrine signaling and their effect on litter size in pigs. <b>2016</b> , 7, 31		6
141	Endometrium unter reproduktionsmedizinischen Aspekten. <b>2016</b> , 49, 762-770		
140	Spatio-specific regulation of endocrine-responsive gene transcription by periovulatory endocrine profiles in the bovine reproductive tract. <b>2014</b> ,		16
139	Expression of genes associated with luteolysis in peripheral blood mononuclear cells during early pregnancy in cattle. <i>Molecular Reproduction and Development</i> , <b>2016</b> , 83, 509-15	2.6	15
138	Luteal P4 synthesis in early pregnant gilts after induction of estrus with PMSG/hCG. <i>Animal Reproduction Science</i> , <b>2016</b> , 166, 28-35	2.1	8
137	Endoglin (CD105) coordinates the process of endometrial receptivity for embryo implantation. <b>2016</b> , 425, 69-83		13
136	Role of progesterone in embryo development in cattle. <b>2016</b> , 28, 66-74		43
135	Naringenin-induced migration of embryonic trophoblast cells is mediated via PI3K/AKT and ERK1/2 MAPK signaling cascades. <b>2016</b> , 428, 28-37		10
134	Stimulatory effects of interleukin-1 beta on development of porcine uterine epithelial cell are mediated by activation of the ERK1/2 MAPK cell signaling cascade. <b>2016</b> , 419, 225-34		19
133	Extracellular Vesicles Originate from the Conceptus and Uterus During Early Pregnancy in Sheep. <i>Biology of Reproduction</i> , <b>2016</b> , 94, 56	3.9	87
132	The role of progesterone and conceptus-derived factors in uterine biology during early pregnancy in ruminants. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 5941-5950	4	75
131	Different doses of equine chorionic gonadotropin on ovarian follicular growth and pregnancy rate of suckled Bos taurus beef cows subjected to timed artificial insemination protocol. <i>Theriogenology</i> , <b>2016</b> , 85, 792-799	2.8	15
130	Expression of leukaemia inhibitory factor at the conceptus?maternal interface during preimplantation development and in the endometrium during the oestrous cycle in the mare. <b>2015</b> ,		6
129	Uterine and placental expression of HPGD in cows during pregnancy and release of fetal membranes. <b>2017</b> , 128-129, 17-26		4

128	The MMP-9/TIMP-1 System is Involved in Fluoride-Induced Reproductive Dysfunctions in Female Mice. <b>2017</b> , 178, 253-260		27
127	The effect of lysophosphatidic acid together with interferon tau on the global transcriptomic profile in bovine endometrial cells. <i>Theriogenology</i> , <b>2017</b> , 92, 111-120	2.8	14
126	Brain-derived neurotrophic factor improves proliferation of endometrial epithelial cells by inhibition of endoplasmic reticulum stress during early pregnancy. <b>2017</b> , 232, 3641-3651		13
125	Evolution of the corpus luteum volume determined ultrasonographically and its relation to the plasma progesterone concentration after artificial insemination in pregnant and non-pregnant dairy cows. <b>2017</b> , 41, 183-188		7
124	Rapid conceptus elongation in the pig: An interleukin 1 beta 2 and estrogen-regulated phenomenon. <i>Molecular Reproduction and Development</i> , <b>2017</b> , 84, 760-774	2.6	26
123	Embryo-maternal dialogue during pregnancy establishment and implantation in the pig. <i>Molecular Reproduction and Development</i> , <b>2017</b> , 84, 842-855	2.6	61
122	Insights into conceptus elongation and establishment of pregnancy in ruminants. <b>2016</b> , 29, 84-100		35
121	Low-level arginine supplementation (0.1%) of wheat-based diets in pregnancy increases the total and live-born litter sizes in gilts. <i>Animal Production Science</i> , <b>2017</b> , 57, 1091	1.4	7
120	The developmental transcriptome landscape of receptive endometrium during embryo implantation in dairy goats. <b>2017</b> , 633, 82-95		12
119	Differential expression and functional roles of chemokine (C-C motif) ligand 23 and its receptor chemokine (C-C motif) receptor type 1 in the uterine endometrium during early pregnancy in pigs. <b>2017</b> , 76, 316-325		12
118	Pregnancy-induced changes in metabolome and proteome in ovine uterine flushings. <i>Biology of Reproduction</i> , <b>2017</b> , 97, 273-287	3.9	16
117	Uterine responses to early pre-attachment embryos in the domestic dog and comparisons with other domestic animal species. <i>Biology of Reproduction</i> , <b>2017</b> , 97, 197-216	3.9	14
116	MicroRNA Signaling in Embryo Development. <i>Biology</i> , <b>2017</b> , 6,	4.9	50
115	Sexual Dimorphism of miRNAs Secreted by Bovine -produced Embryos. <i>Frontiers in Genetics</i> , <b>2017</b> , 8, 39	4.5	27
114	Maternal metabolism affects endometrial expression of oxidative stress and FOXL2 genes in cattle. <i>PLoS ONE</i> , <b>2017</b> , 12, e0189942	3.7	6
113	TGFβ superfamily signaling and uterine decidualization. <b>2017</b> , 15, 84		29
112	Uterine and placental distribution of selected extracellular matrix (ECM) components in the dog. <b>2018</b> , 155, 403-421		14
111	Mechanisms for the establishment and maintenance of pregnancy: synergies from scientific collaborations. <i>Biology of Reproduction</i> , <b>2018</b> , 99, 225-241	3.9	31

110	New data about preeclampsia: some possibilities of prevention. <b>2018</b> , 34, 636-637		9
109	Fatty acid profile of blood plasma and oviduct and uterine fluid during early and late luteal phase in the horse. <i>Theriogenology</i> , <b>2018</b> , 114, 258-265	2.8	8
108	Integrated transcriptomes throughout swine oestrous cycle reveal dynamic changes in reproductive tissues interacting networks. <i>Scientific Reports</i> , <b>2018</b> , 8, 5436	4.9	16
107	Effects of Bisphenol-A on proliferation and expression of genes related to synthesis of polyamines, interferon tau and insulin-like growth factor 2 by ovine trophectoderm cells. <i>Reproductive Toxicology</i> , <b>2018</b> , 78, 90-96	3.4	6
106	Bovine embryo elongation is altered due to maternal fatty acid supplementation. <i>Biology of Reproduction</i> , <b>2018</b> , 99, 600-610	3.9	8
105	Effects of catecholamines on secretion of interferon tau and expression of genes for synthesis of polyamines and apoptosis by ovine trophectoderm. <i>Biology of Reproduction</i> , <b>2018</b> , 99, 611-628	3.9	11
104	Progesterone effects on extracellular vesicles in the sheep uterus. <i>Biology of Reproduction</i> , <b>2018</b> , 98, 612-622	3.9	39
103	Inactivation of porcine interleukin-1 $\beta$ results in failure of rapid conceptus elongation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 307-312	11.5	23
102	Bovine uterus-derived exosomes improve developmental competence of somatic cell nuclear transfer embryos. <i>Theriogenology</i> , <b>2018</b> , 114, 199-205	2.8	24
101	The role of natural killer cells in the uterine microenvironment during pregnancy. <b>2018</b> , 15, 941-943		19
100	Dietary supplementation of l-arginine and chromium picolinate in sows during gestation affects the muscle fibre characteristics but not the performance of their progeny. <b>2018</b> , 98, 74-79		5
99	Pairing ultrasonography with endocrinology to elucidate underlying mechanisms of successful pregnancy in the northern fur seal ( <i>Callorhinus ursinus</i> ). <i>General and Comparative Endocrinology</i> , <b>2018</b> , 255, 78-89	3	6
98	Functional roles of agmatinase during the peri-implantation period of pregnancy in sheep. <b>2018</b> , 50, 293-308		5
97	The in vitro effect of progesterone on the orexin system in porcine uterine tissues during early pregnancy. <b>2018</b> , 60, 76		5
96	Biochemical characterization of progesterone-induced alterations in bovine uterine fluid amino acid and carbohydrate composition during the conceptus elongation window. <i>Biology of Reproduction</i> , <b>2019</b> , 100, 672-685	3.9	15
95	Cysteine-X-cysteine motif chemokine ligand 12 and its receptor CXCR4: expression, regulation, and possible function at the maternal-conceptus interface during early pregnancy in pigs. <i>Biology of Reproduction</i> , <b>2018</b> , 99, 1137-1148	3.9	15
94	Influences of sire conception rate on pregnancy establishment in dairy cattle. <i>Biology of Reproduction</i> , <b>2018</b> , 99, 1244-1254	3.9	24
93	Functional roles of ornithine decarboxylase and arginine decarboxylase during the peri-implantation period of pregnancy in sheep. <b>2018</b> , 9, 10		5

92	Human Endometrial Extracellular Vesicles Functionally Prepare Human Trophectoderm Model for Implantation: Understanding Bidirectional Maternal-Embryo Communication. <b>2019</b> , 19, e1800423		34
91	Corticosteroid and Retinoid Metabolism Signalling Pathways During Decidualisation of Human Endometrial Stromal Cells. <b>2019</b> , 65, 12-19		
90	Differential transcriptome dynamics during the onset of conceptus elongation and between female and male porcine embryos. <i>BMC Genomics</i> , <b>2019</b> , 20, 679	4.5	5
89	Uterine Glands: Developmental Biology and Functional Roles in Pregnancy. <b>2019</b> , 40, 1424-1445		52
88	Inhibitor mediated WNT and MEK/ERK signalling affects apoptosis and the expression of quality related genes in bovine in vitro obtained blastocysts. <b>2019</b> , 510, 403-408		1
87	Mitigation of ER-stress and inflammation by chemokine (C-C motif) ligand 21 during early pregnancy. <b>2019</b> , 94, 73-84		10
86	Oxygen tension modulates extracellular vesicles and its miRNA contents in bovine embryo culture medium. <i>Molecular Reproduction and Development</i> , <b>2019</b> , 86, 1067-1080	2.6	13
85	TLR2/4 signaling pathway mediates sperm-induced inflammation in bovine endometrial epithelial cells in vitro. <i>PLoS ONE</i> , <b>2019</b> , 14, e0214516	3.7	29
84	Impaired endometrial function and unexplained recurrent pregnancy loss. <b>2019</b> , 7, 16-21		5
83	Oxibendazole induces apoptotic cell death in proliferating porcine trophectoderm and uterine luminal epithelial cells via mitochondria-mediated calcium disruption and breakdown of mitochondrial membrane potential. <b>2019</b> , 220, 9-19		4
82	MicroRNA-30d deficiency during preconception affects endometrial receptivity by decreasing implantation rates and impairing fetal growth. <b>2019</b> , 221, 46.e1-46.e16		19
81	Effects of maternal dietary nitrate supplementation during the perinatal period on piglet survival, body weight, and litter uniformity. <b>2019</b> , 3, 464-472		6
80	Fine-tuned adaptation of embryo-endometrium pairs at implantation revealed by transcriptome analyses in <i>Bos taurus</i> . <b>2019</b> , 17, e3000046		8
79	Secretory Phase and Implantation. <b>2019</b> ,		1
78	Negative geotaxis: An early age behavioral hallmark to VPA rat model of autism. <b>2019</b> , 26, 25-31		9
77	Seminal Plasma Modifies the Transcriptional Pattern of the Endometrium and Advances Embryo Development in Pigs. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 465	3.1	13
76	Development and Function of Uterine Glands in Domestic Animals. <b>2019</b> , 7, 125-147		26
75	Ephrin A1 promotes proliferation of bovine endometrial cells with abundant expression of proliferating cell nuclear antigen and cyclin D1 changing the cell population at each stage of the cell cycle. <b>2019</b> , 234, 4864-4873		7

74	Metabolic compounds within the porcine uterine environment are unique to the type of conceptus present during the early stages of blastocyst elongation. <i>Molecular Reproduction and Development</i> , <b>2020</b> , 87, 174-190	2.6	3
73	A novel "embryo-endometrial" adhesion model can potentially predict "receptive" or "non-receptive" endometrium. <b>2020</b> , 37, 5-16		8
72	Impact of chronic endometritis on endometrial receptivity analysis results and pregnancy outcomes. <b>2020</b> , 8, 650-658		10
71	Effects of dietary n-3-PUFA supplementation, post-insemination plane of nutrition and pregnancy status on the endometrial transcriptome of beef heifers. <i>Scientific Reports</i> , <b>2020</b> , 10, 20798	4.9	2
70	Mitochondrial and Metabolic Dynamics of Endometrial Stromal Cells During the Endometrial Cycle. <i>Stem Cells and Development</i> , <b>2020</b> ,	4.4	3
69	Annexin A7 Regulates Endometrial Receptivity. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 770	5.7	4
68	Early and natural embryonic death in <i>Lagostomus maximus</i> : Association with the uterine glands, vasculature, and musculature. <i>Journal of Morphology</i> , <b>2020</b> , 281, 710-724	1.6	4
67	Deep-Sequencing Identification of MicroRNA Biomarkers in Serum Exosomes for Early Pig Pregnancy. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 536	4.5	5
66	Prenatal exposure to a phthalate mixture leads to multigenerational and transgenerational effects on uterine morphology and function in mice. <i>Reproductive Toxicology</i> , <b>2020</b> , 93, 178-190	3.4	14
65	Symposium review: Progesterone effects on early embryo development in cattle. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 8698-8707	4	7
64	is a Progesterone Target Gene in the Endometrium of Ruminants. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	2
63	The Role of MicroRNAs in Mammalian Fertility: From Gametogenesis to Embryo Implantation. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	20
62	Reproductive physiology of sheep ( <i>Ovis aries</i> ) and goats ( <i>Capra aegagrus hircus</i> ). <b>2020</b> , 199-209		0
61	Pig Pregnancies after Transfer of Allogeneic Embryos Show a Dysregulated Endometrial/Placental Cytokine Balance: A Novel Clue for Embryo Death?. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	8
60	Flufenoxuron disturbs early pregnancy in pigs via induction of cell death with ER-mitochondrial dysfunction. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 401, 122996	12.8	4
59	Nature-inspired male contraceptive and spermicidal products. <i>Phytochemistry Reviews</i> , <b>2021</b> , 20, 797-843	7.7	1
58	Administration of a single dose of 300 IU of human chorionic gonadotropin seven days after the onset of estrus improves pregnancy rate in dairy goats by an unknown mechanism. <i>Domestic Animal Endocrinology</i> , <b>2021</b> , 74, 106579	2.3	2
57	CBS and MAT2A improve methionine-mediated DNA synthesis through SAMTOR/mTORC1/S6K1/CAD pathway during embryo implantation. <i>Cell Proliferation</i> , <b>2021</b> , 54, e12950	7.9	3

56	Pyridaben leads to inhibition of cell growth and induction of cell death through intracellular mechanisms in early pregnancy. <i>Pesticide Biochemistry and Physiology</i> , <b>2021</b> , 171, 104733	4.9	1
55	Global Transcriptomic Analyses Reveal Genes Involved in Conceptus Development During the Implantation Stages in Pigs. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 584995	4.5	1
54	Differential Signals From TNF $\alpha$ -Treated and Untreated Embryos in Uterine Tissues and Splenic CD4 T Lymphocytes During Preimplantation Pregnancy in Mice. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 641553	3.1	1
53	mRNA Expressions of Candidate Genes in Gestational Day 16 Conceptus and Corresponding Endometrium in Repeat Breeder Dairy Cows with Suboptimal Uterine Environment Following Transfer of Different Quality Day 7 Embryos. <i>Animals</i> , <b>2021</b> , 11,	3.1	0
52	Luteogenesis and Embryo Implantation Are Enhanced by Exogenous hCG in Goats Subjected to an Out-of-Season Fixed-Time Artificial Insemination Protocol. <i>Biology</i> , <b>2021</b> , 10,	4.9	1
51	L-Proline Activates Mammalian Target of Rapamycin Complex 1 and Modulates Redox Environment in Porcine Trophectoderm Cells. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	3
50	Analysis of the transcriptome of bovine endometrial cells isolated by laser micro-dissection (2): impacts of post-partum negative energy balance on stromal, glandular and luminal epithelial cells. <i>BMC Genomics</i> , <b>2021</b> , 22, 450	4.5	4
49	Global transcriptome analysis implicates cholesterol availability in the regulation of canine cyclic luteal function. <i>General and Comparative Endocrinology</i> , <b>2021</b> , 307, 113759	3	3
48	Varied effects of doxorubicin (DOX) on the corpus luteum of C57BL/6 mice during early pregnancy. <i>Biology of Reproduction</i> , <b>2021</b> ,	3.9	
47	Expression of nuclear progesterone receptor, progesterone receptor membrane components 1 and 2 and prostaglandin-endoperoxide synthase 2 in the endometrium and oviduct of spontaneously ovulating cats. <i>Theriogenology</i> , <b>2021</b> , 172, 200-206	2.8	1
46	Effects of the formation and regression of accessory corpus lutea during pregnancy on plasma progesterone concentration and pregnancy status in cross-bred beef heifers. <i>Animal Reproduction Science</i> , <b>2021</b> , 232, 106825	2.1	
45	The mRNA and lncRNA landscape of the non-pregnant endometrium during the oestrus cycle in dairy goat. <i>Animal Production Science</i> , <b>2019</b> , 59, 1803	1.4	4
44	Cis-Regulatory Differences Explaining Evolved Levels of Endometrial Invasibility in Eutherian Mammals.		2
43	Effect of Three Dimensional Culture of Porcine Endometrial Cells on Their Plasminogen Activity and Pre-implantation Embryo Development after Co-culture. <i>Journal of Animal Reproduction and Biotechnology</i> , <b>2014</b> , 29, 207-219	1	1
42	Extracellular vesicles in luminal fluid of the ovine uterus. <i>PLoS ONE</i> , <b>2014</b> , 9, e90913	3.7	150
41	Maternal gestational cortisol and testosterone are associated with trade-offs in offspring sex and number in a free-living rodent ( <i>Urocitellus richardsonii</i> ). <i>PLoS ONE</i> , <b>2014</b> , 9, e111052	3.7	18
40	Boar seminal plasma: current insights on its potential role for assisted reproductive technologies in swine. <i>Animal Reproduction</i> , <b>2020</b> , 17, e20200022	1.7	4
39	Expression of aquaporin 1 and 5 and their regulation by ovarian hormones, arachidonic acid, forskolin and cAMP during implantation in pigs. <i>Physiological Research</i> , <b>2016</b> , 65, 637-650	2.1	8

38	Endometrial profilin 1: a key player in embryo-endometrial crosstalk. <i>Clinical and Experimental Reproductive Medicine</i> , <b>2020</b> , 47, 114-121	2.2	3
37	Unique epithelial expression of S100A calcium binding protein A7A in the endometrium at conceptus implantation in pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , <b>2019</b> , 32, 1355-1362	2.4	1
36	Regulation of S100G Expression in the Uterine Endometrium during Early Pregnancy in Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , <b>2012</b> , 25, 44-51	2.4	10
35	Roles of conceptus secretory proteins in establishment and maintenance of pregnancy in ruminants. <i>Asian-Australasian Journal of Animal Sciences</i> , <b>2012</b> , 25, 1-16	2.4	11
34	Implantation and Placentation in Ruminants. <i>Advances in Anatomy, Embryology and Cell Biology</i> , <b>2021</b> , 234, 129-154	1.2	0
33	Encyclopedia of Sustainability Science and Technology. <b>2012</b> , 10885-10894		
32	Sustainable Food Production. <b>2013</b> , 1789-1798		
31	Fine-tuned adaptation of embryo-endometrium pairs at implantation revealed by gene regulatory networks Tailored conceptus-maternal communication at implantation.		
30	Contributions of RNA-seq to improve embryo production (IVP). <i>Animal Reproduction</i> , <b>2019</b> , 16, 249-259	1.7	1
29	Conceptus-induced, interferon tau-dependent gene expression in bovine endometrial epithelial and stromal cells $\square$ <i>Biology of Reproduction</i> , <b>2021</b> , 104, 669-683	3.9	3
28	The effectiveness of ART programs in patients with chronic endometritis after treatment by normalizing the local expression of innate immunity factors. <i>Russian Journal of Human Reproduction</i> , <b>2020</b> , 26, 86	0.3	
27	An interview with Dr Fuller Warren Bazer. <i>Biology of Reproduction</i> , <b>2021</b> , 104, 248-251	3.9	
26	Generating Human Organs via Interspecies Chimera Formation: Advances and Barriers. <i>Yale Journal of Biology and Medicine</i> , <b>2018</b> , 91, 333-342	2.4	19
25	Effects of stem cells applications on oxidative stress and apoptosis during implantation. <i>Asian Pacific Journal of Reproduction</i> , <b>2018</b> , 7, 229	1.1	0
24	Global analysis of differential gene expression within the porcine conceptus transcriptome as it transitions through spherical, ovoid, and tubular morphologies during the initiation of elongation.. <i>Molecular Reproduction and Development</i> , <b>2022</b> ,	2.6	0
23	Tracing the cis-regulatory changes underlying the endometrial control of placental invasion.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	1
22	Chemerin Effect on the Endometrial Proteome of the Domestic Pig during Implantation Obtained by LC-MS/MS Analysis.. <i>Cells</i> , <b>2022</b> , 11,	7.9	0
21	Influence of Genotype on Endometrial Angiogenesis during Early Pregnancy in Piau and Commercial Line Gilts.. <i>Animals</i> , <b>2022</b> , 12,	3.1	

20 Data\_Sheet\_1.PDF. 2020,

19 Table\_1.XLSX. 2020,

18 Table\_2.XLSX. 2020,

17 Table\_3.XLSX. 2020,

16 Lipid metabolism and endometrial receptivity. *Human Reproduction Update*,

15.8 1

15 Mechanisms regulating the initiation of porcine conceptus elongation. *Molecular Reproduction and Development*,

2.6 0

14 Arginine Regulates Zygotic Genome Activation in Porcine Embryos Under Nutrition Restriction. *Frontiers in Veterinary Science*, 9,

3.1 0

13 Context is key: Maternal immune responses to pig allogeneic embryos. *Molecular Reproduction and Development*,

2.6

12 Porcine endometrial heat shock proteins are differentially influenced by pregnancy status, heat stress, and altrenogest supplementation during the peri-implantation period. *Journal of Animal Science*, 2022, 100,

0.7 0

11 Inhibition of SHMT2 mRNA translation increases embryonic mortality in sheep. *Biology of Reproduction*,

3.9 0

10 Modulation of expression of estrus, steroidogenesis and embryo development following peri-artificial insemination nutrient restriction in beef heifers. 2022, 244, 107045

9 Expression pattern of microRNAs in ovine endometrium during the peri-implantation. 2022, 191, 35-46

8 Creatine metabolism at the uterine-conceptus interface during early gestation in sheep.

0

7 Evolutionary divergence of embryo implantation in primates. 2022, 377,

1

6 The effects of follicle stimulating hormone (FSH)-induced controlled ovarian hyperstimulation and nutrition on implantation-related gene expression in caruncular tissues of non-pregnant sheep. 2022,

0

5 Conceptus-derived cytokines interleukin-1 $\beta$  and interferon- $\gamma$  induce the expression of acute phase protein serum amyloid A3 in endometrial epithelia at the time of conceptus implantation in pigs.

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4 Embryonic signals mediate extracellular vesicle biogenesis and trafficking at the embryo-maternal interface.

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3 Expression profile of genes related to pregnancy maintenance in Dromedary Camel during the first trimester. 2023, 251, 107211

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- 2 Combining Endometrial Assembloids and Blastoids to Delineate the Molecular Roadmap of Implantation. ○
- 1 Corticotropin releasing hormone is present in the feline placenta and maternal serum. 14, ○