

# The WNT signaling antagonist Dickkopf1 directs lineage of the preimplantation embryo

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Maternal embryokines that regulate development of the bovine preimplantation embryo. Turkish Journal of Veterinary and Animal Sciences, 2014, 38, 589-598.	0.2	11
2	Sexual Dimorphism in Developmental Programming of the Bovine Preimplantation Embryo Caused by Colony-Stimulating Factor 21. Biology of Reproduction, 2014, 91, 80.	1.2	42
3	Exposure to colony stimulating factor 2 during preimplantation development increases postnatal growth in cattle. Molecular Reproduction and Development, 2015, 82, 892-897.	1.0	34
4	Influence of Sex on Basal and Dickkopf-1 Regulated Gene Expression in the Bovine Morula. PLoS ONE, 2015, 10, e0133587.	1.1	18
5	MiRNA-320 in the human follicular fluid is associated with embryo quality in vivo and affects mouse embryonic development in vitro. Scientific Reports, 2015, 5, 8689.	1.6	79
6	Embryo development in dairy cattle. Theriogenology, 2016, 86, 270-277.	0.9	63
7	Sex differences in response of the bovine embryo to colony-stimulating factor 2. Reproduction, 2016, 152, 645-654.	1.1	29
8	Regulation of gene expression in the bovine blastocyst by colony stimulating factor 2. BMC Research Notes, 2016, 9, 250.	0.6	14
9	Cell fate in animal and human blastocysts and the determination of viability. Molecular Human Reproduction, 2016, 22, 681-690.	1.3	38
10	Sex and the preimplantation embryo: implications of sexual dimorphism in the preimplantation period for maternal programming of embryonic development. Cell and Tissue Research, 2016, 363, 237-247.	1.5	52
11	WNT regulation of embryonic development likely involves pathways independent of nuclear CTNNB1. Reproduction, 2017, 153, 405-419.	1.1	33
12	Evaluation of genetic components in traits related to superovulation, in vitro fertilization, and embryo transfer in Holstein cattle. Journal of Dairy Science, 2017, 100, 2877-2891.	1.4	35
13	Cytokine gene expression at the maternal-fetal interface after somatic cell nuclear transfer pregnancies in small ruminants. Reproduction, Fertility and Development, 2017, 29, 646.	0.1	13
14	The bovine embryo hatches from the zona pellucida through either the embryonic or abembryonic pole. Journal of Assisted Reproduction and Genetics, 2017, 34, 725-731.	1.2	10
15	Role of chemokine (C-C motif) ligand 24 in spatial arrangement of the inner cell mass of the bovine embryo. Biology of Reproduction, 2017, 96, 948-959.	1.2	10
16	Hepatoma-derived growth factor: Protein quantification in uterine fluid, gene expression in endometrial-cell culture and effects on in vitro embryo development, pregnancy and birth. Theriogenology, 2017, 96, 118-125.	0.9	16
17	Colony-stimulating factor 2 acts from days 5 to 7 of development to modify programming of the bovine conceptus at day 86 of gestation. Biology of Reproduction, 2017, 96, 743-757.	1.2	30
18	Actions of activin A, connective tissue growth factor, hepatocyte growth factor and teratocarcinoma-derived growth factor 1 on the development of the bovine preimplantation embryo. Reproduction, Fertility and Development, 2017, 29, 1329.	0.1	24

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19	Single-cell gene expression of the bovine blastocyst. <i>Reproduction</i> , 2017, 154, 627-644.	1.1	49
20	Consequences of endogenous and exogenous WNT signaling for development of the preimplantation bovine embryo. <i>Biology of Reproduction</i> , 2017, 96, 1129-1141.	1.2	41
21	Consequences of exposure of embryos produced in vitro in a serum-containing medium to dickkopf-related protein 1 and colony stimulating factor 2 on blastocyst yield, pregnancy rate, and birth weight. <i>Journal of Animal Science</i> , 2017, 95, 4407-4412.	0.2	21
22	Loci and pathways associated with uterine capacity for pregnancy and fertility in beef cattle. <i>PLoS ONE</i> , 2017, 12, e0188997.	1.1	46
23	OCT4/POU5F1 is required for NANOG expression in bovine blastocysts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2770-2775.	3.3	86
24	Efficient derivation of stable primed pluripotent embryonic stem cells from bovine blastocysts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2090-2095.	3.3	181
25	Role of yes-associated protein 1, angiotensin, and mitogen-activated kinase kinase 1/2 in development of the bovine blastocyst. <i>Biology of Reproduction</i> , 2018, 98, 170-183.	1.2	33
26	Role of ROCK signaling in formation of the trophectoderm of the bovine preimplantation embryo. <i>Molecular Reproduction and Development</i> , 2018, 85, 374-375.	1.0	17
27	Identification of potential embryokines in the bovine reproductive tract. <i>Journal of Dairy Science</i> , 2018, 101, 690-704.	1.4	53
28	Transcriptional and epigenetic control of cell fate decisions in early embryos. <i>Reproduction, Fertility and Development</i> , 2018, 30, 73.	0.1	7
29	Pre-implantation Development of Domestic Animals. <i>Current Topics in Developmental Biology</i> , 2018, 128, 267-294.	1.0	19
30	Comparative aspects of early lineage specification events in mammalian embryos – insights from reverse genetics studies. <i>Cell Cycle</i> , 2018, 17, 1688-1695.	1.3	15
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36	Zinc supplementation during in vitro embryo culture increases inner cell mass and total cell numbers in bovine blastocysts. <i>Journal of Animal Science</i> , 2019, 97, 4946-4950.	0.2	9

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40	Embryo and cow factors affecting pregnancy per embryo transfer for multiple-service, lactating Holstein recipients. <i>Translational Animal Science</i> , 2019, 3, 60-65.	0.4	9
41	Regulation of present and future development by maternal regulatory signals acting on the embryo during the morula to blastocyst transition – insights from the cow. <i>Biology of Reproduction</i> , 2019, 101, 526-537.	1.2	19
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47	Consequences of assisted reproductive technologies for offspring function in cattle. <i>Reproduction, Fertility and Development</i> , 2020, 32, 82.	0.1	13
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50	Common principles of early mammalian embryo self-organisation. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	30
51	Genes associated with survival of female bovine blastocysts produced in vivo. <i>Cell and Tissue Research</i> , 2020, 382, 665-678.	1.5	13
52	Determinants of survival of the bovine blastocyst to cryopreservation stress: treatment with colony stimulating factor 2 during the morula-to-blastocyst transition and embryo sex. <i>CABI Agriculture and Bioscience</i> , 2020, 1, .	1.1	9
53	The incompletely fulfilled promise of embryo transfer in cattle – why aren't pregnancy rates greater and what can we do about it?. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	60
54	Implications of Assisted Reproductive Technologies for Pregnancy Outcomes in Mammals. <i>Annual Review of Animal Biosciences</i> , 2020, 8, 395-413.	3.6	37

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60	Balanced Notch-Wnt signaling interplay is required for mouse embryo and fetal development. <i>Reproduction</i> , 2021, 161, 385-398.	1.1	7
61	Simplification of culture conditions and feeder-free expansion of bovine embryonic stem cells. <i>Scientific Reports</i> , 2021, 11, 11045.	1.6	31
62	Application of multi-omics data integration and machine learning approaches to identify epigenetic and transcriptomic differences between in vitro and in vivo produced bovine embryos. <i>PLoS ONE</i> , 2021, 16, e0252096.	1.1	11
63	Culture Medium and Sex Drive Epigenetic Reprogramming in Preimplantation Bovine Embryos. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6426.	1.8	4
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65	Interleukin-6 supplementation improves post-transfer embryonic and fetal development of in vitro-produced bovine embryos. <i>Theriogenology</i> , 2021, 170, 15-22.	0.9	11
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