

The activin-follistatin system and in vitro early follicle

Journal of Endocrinology

189, 113-125

DOI: 10.1677/joe.1.06487

Citation Report

#	ARTICLE	IF	CITATIONS
1	Quantification and Viability Assessment of Isolated Bovine Primordial and Primary Ovarian Follicles Retrieved Through a Standardized Biopsy Pick&€Up Procedure. <i>Reproduction in Domestic Animals</i> , 2008, 43, 360-366.	1.4	25
2	A two-step serum-free culture system supports development of human oocytes from primordial follicles in the presence of activin. <i>Human Reproduction</i> , 2008, 23, 1151-1158.	0.9	410
3	Growth and differentiation factor-9 stimulates activation of goat primordial follicles in vitro and their progression to secondary follicles. <i>Reproduction, Fertility and Development</i> , 2008, 20, 916.	0.4	66
4	The current knowledge on radiosensitivity of ovarian follicle development stages. <i>Human Reproduction Update</i> , 2009, 15, 359-377.	10.8	110
5	Dimethyl sulfoxide perfusion in caprine ovarian tissue and its relationship with follicular viability after cryopreservation. <i>Fertility and Sterility</i> , 2009, 91, 1513-1515.	1.0	18
6	Bone Morphogenetic Protein-6 (BMP-6) induces atresia in goat primordial follicles cultured in vitro. <i>Pesquisa Veterinaria Brasileira</i> , 2010, 30, 770-781.	0.5	10
7	Nerve Growth Factor Promotes the Survival of Goat Preantral Follicles Cultured in vitro. <i>Cells Tissues Organs</i> , 2010, 192, 272-282.	2.3	24
8	Oocyte development in bovine primordial follicles is promoted by activin and FSH within a two-step serum-free culture system. <i>Reproduction</i> , 2010, 139, 971-978.	2.6	123
9	Activin promotes follicular integrity and oogenesis in cultured pre-antral bovine follicles. <i>Molecular Human Reproduction</i> , 2010, 16, 644-653.	2.8	89
10	Fibroblast growth factor-10 maintains the survival and promotes the growth of cultured goat preantral follicles. <i>Domestic Animal Endocrinology</i> , 2010, 39, 249-258.	1.6	16
11	Cryopreservation of ovarian tissue: An emerging technology for female germline preservation of endangered species and breeds. <i>Animal Reproduction Science</i> , 2010, 122, 151-163.	1.5	89
12	Cytokines: Signalling molecules controlling ovarian functions. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 857-861.	2.8	41
13	Steady-state level of bone morphogenetic protein-15 in goat ovaries and its influence on in vitro development and survival of preantral follicles. <i>Molecular and Cellular Endocrinology</i> , 2011, 338, 1-9.	3.2	25
14	In vitro culture of caprine preantral follicles: Advances, limitations and prospects. <i>Small Ruminant Research</i> , 2011, 98, 192-195.	1.2	16
15	Ultrastructure of isolated mouse ovarian follicles cultured in vitro. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 3.	3.3	32
16	Growth factors controlling ovarian functions. <i>Journal of Cellular Physiology</i> , 2011, 226, 2222-2225.	4.1	43
17	Cryopreservation and in vitro culture of caprine preantral follicles. <i>Reproduction, Fertility and Development</i> , 2011, 23, 40.	0.4	31
18	Expression of Keratinocyte Growth Factor in Goat Ovaries and Its Effects on Preantral Follicles Within Cultured Ovarian Cortex. <i>Reproductive Sciences</i> , 2011, 18, 1222-1229.	2.5	19

#	ARTICLE	IF	CITATIONS
19	Activin B is produced early in antral follicular development and suppresses thecal androgen production. <i>Reproduction</i> , 2012, 143, 637-650.	2.6	27
20	The effects of FSH and activin A on follicle development in vitro. <i>Reproduction</i> , 2012, 143, 221-229.	2.6	44
21	Growth of Mouse Oocytes to Maturity from Premeiotic Germ Cells In Vitro. <i>PLoS ONE</i> , 2012, 7, e41771.	2.5	31
22	Intra-ovarian roles of activins and inhibins. <i>Molecular and Cellular Endocrinology</i> , 2012, 359, 53-65.	3.2	129
23	The expression and role of activin A and follistatin in heart failure rats after myocardial infarction. <i>International Journal of Cardiology</i> , 2013, 168, 2994-2997.	1.7	16
24	In vitro developmental competence of prepubertal goat oocytes cultured with recombinant activin-A. <i>Animal</i> , 2014, 8, 94-101.	3.3	9
25	New insights into implication of the SLIT/ROBO pathway in the prehierarchical follicle development of hen ovary. <i>Poultry Science</i> , 2015, 94, 2235-2246.	3.4	23
26	The spatiotemporal hormonal orchestration of human folliculogenesis, early embryogenesis and blastocyst implantation. <i>Molecular and Cellular Endocrinology</i> , 2016, 430, 33-48.	3.2	43
27	Ovarian follicle development in vitro and oocyte competence: advances and challenges for farm animals. <i>Domestic Animal Endocrinology</i> , 2016, 55, 123-135.	1.6	53
28	Quantitative expression patterns of GDF9 and BMP15 genes in sheep ovarian follicles grown in vivo or cultured in vitro. <i>Theriogenology</i> , 2016, 85, 315-322.	2.1	42
29	Expression of kit ligand and insulin-like growth factor binding protein 3 during in vivo or in vitro development of ovarian follicles in sheep. <i>Reproduction in Domestic Animals</i> , 2017, 52, 661-671.	1.4	7
30	Stroma cell-derived factor 1 and connexins (37 and 43) are preserved after vitrification and in vitro culture of goat ovarian cortex. <i>Theriogenology</i> , 2018, 116, 83-88.	2.1	12
31	Activin effects on follicular growth in vitro; preantral follicle culture. <i>Journal of Medical Investigation</i> , 2019, 66, 165-171.	0.5	7
32	Activin A receptor expression patterns in prepubertal goat oocytes and derived embryos. <i>Reproduction in Domestic Animals</i> , 2019, 54, 804-807.	1.4	0
33	The transcriptional regulator CBX2 and ovarian function: A whole genome and whole transcriptome approach. <i>Scientific Reports</i> , 2019, 9, 17033.	3.3	12
34	Inhibin A regulates follicular development via hormone secretion and granulosa cell behaviors in laying hens. <i>Cell and Tissue Research</i> , 2020, 381, 337-350.	2.9	13
35	A functional polymorphism of inhibin alpha subunit at miR-181b-1-3p-binding site regulates proliferation and apoptosis of chicken ovarian granular cells. <i>Cell and Tissue Research</i> , 2021, 384, 545-560.	2.9	4
36	Protecting and Extending Fertility for Females of Wild and Endangered Mammals. <i>Cancer Treatment and Research</i> , 2010, 156, 87-100.	0.5	60

#	ARTICLE	IF	CITATIONS
37	Cooperative Effects of FOXL2 with the Members of TGF- β 2 Superfamily on FSH Receptor mRNA Expression and Granulosa Cell Proliferation from Hen Prehierarchical Follicles. PLoS ONE, 2015, 10, e0141062.	2.5	29
38	Influence of Insulin-like Growth Factor I (IGF-I) on the survival and the in vitro development of caprine preantral follicles. Pesquisa Veterinaria Brasileira, 2014, 34, 1037-1044.	0.5	15
39	Human Stem Cell Proliferation and Differentiation: Lessons From a Lost Era of Research. Journal of Regenerative Medicine, 2013, 02, .	0.1	0
40	Eugenol Improves Follicular Survival and Development During in vitro Culture of Goat Ovarian Tissue. Frontiers in Veterinary Science, 2022, 9, 822367.	2.2	4
41	Making a good egg: human oocyte health, aging, and in vitro development. Physiological Reviews, 2023, 103, 2623-2677.	28.8	8