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Development into blastocysts of bovine oocytes cryopreserved by ultra-rapid cooling

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#	Paper	IF	Citations
489	Effect of chilling bovine oocytes on their developmental competence. <b>1996</b> , 45, 503-12		147
488	Birth of live mice resulting from oocytes fertilized in vitro with cryopreserved spermatozoa. <i>Biology of Reproduction</i> , <b>1997</b> , 56, 143-52	3.9	50
487	A critical evaluation of ovarian tissue cryopreservation and grafting as a strategy for preserving the human female germline. <b>1997</b> , 6, 163-183		14
486	Vitrification of mature mouse oocytes: improved results following addition of polyethylene glycol to a dimethyl sulfoxide solution. <i>Cryobiology</i> , <b>1997</b> , 34, 295-301	2.7	58
485	Vitrification properties of solutions of ethylene glycol in saline containing PVP, Ficoll, or dextran. <i>Cryobiology</i> , <b>1997</b> , 35, 219-29	2.7	95
484	Cryopreservation of mouse spermatozoa. II. Relationship between survival after cryopreservation and osmotic tolerance of spermatozoa from three strains of mice. <i>Cryobiology</i> , <b>1997</b> , 35, 255-69	2.7	113
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482	Effects of low temperatures on in vitro produced bovine zygotes. <b>1997</b> , 47, 435-9		
481	Effect of developmental stage on bovine oocyte plasma membrane water and cryoprotectant permeability characteristics. <b>1998</b> , 49, 408-15		79
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313	Analysis of oocyte physiology to improve cryopreservation procedures. <i>Theriogenology</i> , <b>2007</b> , 67, 64-72	2.8	138
312	Highly efficient vitrification for cryopreservation of human oocytes and embryos: the Cryotop method. <i>Theriogenology</i> , <b>2007</b> , 67, 73-80	2.8	582
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310	Quality analysis of buffalo blastocysts derived from oocytes vitrified before or after enucleation and reconstructed with somatic cell nuclei. <i>Theriogenology</i> , <b>2007</b> , 67, 893-900	2.8	25
309	Effect of vitrification solutions and cooling upon in vitro matured prepubertal ovine oocytes. <i>Theriogenology</i> , <b>2007</b> , 68, 107-14	2.8	33
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306	Effect of choline-supplemented sodium-depleted slow freezing versus vitrification on mouse oocyte meiotic spindles and chromosome abnormalities. <b>2007</b> , 88, 1093-100		62
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292	Effects of fetal calf serum, phenazine ethosulfate and either glucose or fructose during in vitro culture of bovine embryos on embryonic development after cryopreservation. <b>2007</b> , 74, 1395-405		56
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289	Vitrification: an effective new approach to oocyte banking and preserving fertility in cancer patients. <b>2008</b> , 10, 268-73		141
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287	Vitrification of in vitro matured ovine oocytes affects in vitro pre-implantation development and mRNA abundance. <b>2008</b> , 75, 538-46		83
286	Calves born after direct transfer of vitrified bovine in vitro-produced blastocysts derived from vitrified immature oocytes. <b>2008</b> , 43, 314-318		26
285	Use of fetuin before and during vitrification of bovine oocytes. <b>2008</b> , 43, 333-338		9
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136	Physical modeling of flow boiling in microchannels and its induced vitrification of biomaterials. <b>2015</b> , 83, 659-664		7
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134	Human embryo cryopreservation-methods, timing, and other considerations for optimizing an embryo cryopreservation program. <b>2015</b> , 33, 128-44		22
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131	Open pulled straw vitrification and slow freezing of sheep IVF embryos using different cryoprotectants. <b>2015</b> , 27, 1175-80		7

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129	HEPES buffer in ovary-transportation medium influences developmental competence of cattle oocytes. <b>2016</b> , 45, 538		
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1 Female Fertility Preservation: Different Interventions and Procedures.

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