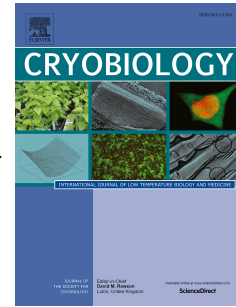


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Evaluation of sheep ovarian tissue cryopreserved by slow freezing or vitrification after chick embryo chorioallantoic membrane transplantation

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1 **Evaluation of sheep ovarian tissue cryopreserved by slow**
2 **freezing or vitrification after chick embryo chorioallantoic**
3 **membrane transplantation**

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20 **Abstract**

21 The aim of our investigations was to compare the effectiveness of two methods for
22 cryopreservation of sheep ovarian tissue, slow freezing and vitrification. The quality of
23 cryopreserved tissues was evaluated after 5 days of thawing and chorioallantoic
24 membrane (CAM) transplantation. Follicular structure, stromal integrity and
25 neovascularization were assessed. The areas of fibrosis and necrosis were measured using
26 MICROVISIBLE software, and proliferation was assessed with Ki-67 immunostaining.

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