

Abstract	Abstract Title	Status	Submit Date
0147	Histochemical studying of ovaries in sheep of different breeds after hormonal treatment in estrous season	Accepted:Poster Presentation	12.02.2016 14:09:31
Email 25.02.2016 09:25:59 European Biotechnology Congress 2016-About Your Abstract			

[Print](#)

Histochemical studying of ovaries in sheep of different breeds after hormonal treatment in estrous season

[Adekhanova Gulbahar](#)¹, [Yessimsitova Zura](#)¹, [Chunetova Zhanar](#)¹, [Abylayhanova Nurzhanat](#)¹, [Nurtazin Sabyr](#)¹, [Satybaldiyeva Gulmira](#)², [Nurmahanova Akmaral](#)¹, [Tleubek Perizat](#)¹

¹Biology and Biotechnology Department, Al-Farabi Kazakh National University, Almaty, Kazakhstan

²S.Seifullin Kazakh Agro Technical University

The study of histochemistry methods consists in ability to localize substance and biochemical reactions in fabrics, cages and organoids non-destructive normal structure. Histochemistry analysis provide information about physiological activity and pathosis. This specific advantage is extremely needed at the study of such organ as an ovary the structure of that is difficult and quickly changes depending on the biological rhythms of organism. Biochemical methods of in vivo and in vitro appear unable find out structural subunits responsible for certain physiological functions. The research object the ovaries of adult (4-6) ewes of edible served and Kazakh fine-fleece breeds. The investigated material was got astral season September-October months.

The exposure of general proteins histochemistry reaction was conducted by Danieli with bromophenol and for determination of glycosaminoglycans used reaction by Stidmen. Histochemistry treatments of material were conducted by the traditional methods of microscopic technique of preparation of thin cuts. The viewing and photographing of histological preparations carried out through the light microscope.

The result of undertaken morphological studies the picture of organs of animals at application of follicle stimulating hormone showed the histochemistry changes of ovaries depending on the dose of the entered preparation for the sheep of different breed. The histochemistry reaction with alcian blue was observed that sour mucopolysaccharides is widely presented in fabrics of ovary. The follicle liquid and glycosaminoglycans. Analysis histochemistry reaction with bromophenol blue and alcian blue showed that total proteins and sour mycopolisaccarides met in the shells of ovule, in follicle liquid and in strome of organ.

Keywords: , glycosaminoglycan, histochemistry, morphology