



KEY WORDS

Vitamin A, Fish oil, Inflammation, Ovarium, Rat

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The Effect of Nutrition Rich in Vitamin A and Fish Oil on Ovarian Tissue in a Model of Systemic Inflammation in Rats

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GRADUATION DATE: 03/07/2024

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THESIS ABSTRACT

It has been shown histologically and biochemically that LPS causes chronic inflammation in the rat ovary. It was also observed that it negatively affected follicle development and caused the formation of atretic and cystic follicles. It was determined that the combined diet rich in vitamin A and omega-3 was more effective in suppressing inflammation and reducing the development of atresia and cystic follicles than their single use. In conclusion; it was thought that the use of nutritional vitamin A and fish oil in combination form could be used as a supportive treatment option in inflammatory cases of the ovaries.

APPLICATION AREAS OF THE THESIS RESULTS

In conclusion; it was thought that the use of nutritional vitamin A and fish oil in combination form could be used as a supportive treatment option in inflammatory cases of the ovaries.

ACADEMIC ACTIVITIES

1. Akbaş, A., Yavaş, S., Ersoy S., & Usta, Ç (2023). The Effect of Different Epon Solvents on Staining of Semithin Sections. *Uludağ Üniversitesi Tıp Fakültesi Dergisi*, 49(1) 101-107
2. Verbal report. Comparative Analysis of the Effects of Social Isolation on Myelination in the Central Nervous System in Baby Rats with Cognitive and Memory Behaviors