



T.C.
NİĞDE ÖMER HALISDEMİR UNIVERSITY

18/11/2024

Review Report

As part of her defense procedure for the degree of Doctor of Philosophy (PhD) in Medicine, the dissertation of Dr. Gaukhar Moshkalova titled "Pathogenetic aspects of endometrial receptivity disorder in patients with reproductive losses" was reviewed by a foreign scientific consultant, Professor Zeliha SELAMOĞLU, Department of molecular biology, Faculty of Medicine, Nigde Omer Halisdemir University Nigde, Turkey.

Undoubtedly, Dr.Moshkalova's dissertation is relevant and covers an important topic in Medicine.

Research work shows the relevance of the topic, the literature review covers the Kazakh and global experience in organizing medical care for patients with reproductive dysfunctions.

In the scientific work of Gauhar Nadirbekovna Moshkalova, a researcher, studied the risk factors of reproductive losses in women with recurrent pregnancy loss and implantation failure, data of instrumental studies in thin endometrium. The questions of molecular diagnostics in endometrial receptivity disorders and gene expression of endometrial biopsy of patients with non-pregnancy to determine the nature of endometrial receptivity disorders were raised. Modern approaches to the management of women with reproductive losses in anamnesis were studied, recommendations on molecular diagnostics of endometrial biopsy were substantiated and a diagnostic algorithm of immunogenetic markers of endometrial receptivity was developed.

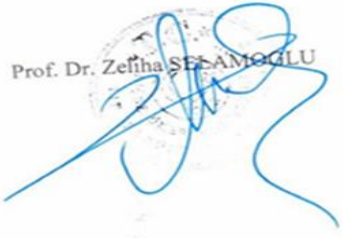
The results of the work are relevant and have practical application in the reproductive service, in particular, pregravidaral preparation of women with a history of reproductive losses, who are a risk group for the development of miscarriage and patients undergoing assisted reproduction, as part of the initial examination. The systematic review revealed the analysis of risk factors for recurrent pregnancy loss and implantation failure showed that endometrial receptivity disorders significantly affect the frequency of pregnancy and live births in ART programs. Scientific and practical recommendations for improving the management of patients with a history of reproductive losses were developed.

In April 2023, Dr. Moshkalova did her research fellowship at the University Hospital of Nigde Omer Halisdemir under my supervision. During the internship, she familiarized herself with modern biotechnological innovative approaches of molecular diagnostics of biological markers of endometrial dysfunction in patients with reproductive losses as part of her dissertation. During the internship she worked at the university clinic in the Department of Gynecology, participated in surgical and conservative treatment of women with a history of miscarriage and infertility.

During the period of work on the dissertation Dr. Moshkalova is showed herself as an organized researcher with an analytical approach, able to clearly define the goals and objectives of the research, methods and tools to achieve the set tasks, deeply reflect and analyze the results obtained. At the same time, she proved herself as a literate and well-read specialist.

The dissertation work of Dr. Moshkalova is independent scientific and practical research and is recommended for the official defense at the Dissertation Council for the degree of Doctor of Philosophy (PhD) in Medicine.

Sincerely,



Prof. Dr. Zeliha SELAMOGLU

Foreign scientific consultant:

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