

REVIEW
scientific consultant for doctoral student
Zhumakayeva Sabina Sakenkyzy

Doctoral student S.S. Zhumakayeva in 2016 began his scientific activity by enrolling in a master's program.

The next logical step was admission to doctoral studies in 2018 in the specialty "6D110100 - Medicine" (scientific and pedagogical direction. Dissertation work "The influence of adjuvant polychemotherapy on the biochemical parameters of the blood of patients with breast cancer".

During the work on the dissertation S.S. Zhumakayeva proved to be an enterprising researcher, who is distinguished by independent thinking, good theoretical training.

In his dissertation work, the doctoral candidate raised the problem of the influence of adjuvant polychemotherapy in patients with breast cancer on the metabolic processes of the body. For the first time, significant indicators of oxidative and purine catabolism of plasma and blood erythrocytes were studied in these patients against the background of ongoing adjuvant polychemotherapy, which were patented.

The dissertation student performed a large amount of work, a study of the studied parameters in 80 patients with breast cancer was carried out, the applied research methods were confirmed by statistical analyses. 10 publications on the research topic were published: in scientific publications recommended by the Committee.

Doctoral student Sabina Sakenkyzy is disciplined, purposeful, and responsible.

I think that Zhumakayeva Sabina Sakenkyzy needs an academic PhD degree in the specialty: 6D110100 "Medicine". The review is given for submission to the Ethical Commission for the Evaluation of Scientific Research

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