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Research interests	Medicine, public health, environmental health and safety
Grants	<p>Scientific and technical program No. 0769 "Development of scientific foundations for the formation of a preventive environment in order to preserve public health "(2017-2019, Ministry of health of the Republic of Kazakhstan)</p> <p>Scientific and technical program No. 0661 "Environmental risks and public health "(2014-2016, Ministry of health of the Republic of Kazakhstan)</p> <p>"Development of preventive and rehabilitation technologies to promote public health at the PHC level based on the study and assessment of the main risk factors and prevalence of socially significant diseases"(2012-2014)</p>
Selected publications	<p>Efficacy of the Xpert MTB/RIF Assay in Multidrug-Resistant Tuberculosis. Tabriz, N.S., Skak, K., Kassayeva, L.T., Omarkulov, B.K., Grigolashvili, M.A. Microbial Drug Resistance, 2020, 26(8), стр. 997–1004</p> <p>Determination of PFOR gene expression in strains</p>



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Evaluation of sequence based typing methods (SPA and MSLT) for clonal characterization of *Staphylococcus aureus*. Babenko, D., Omarkulov, B., Ilyaazizova, Sandle, T., Moraru, D., Chesca, A. (2016). *Acta Medica Mediterranea*, 32(6), 1851-1856

The analysis of working load of general practitioners in the Republic of Kazakhstan. Mergentay A, Kulov D.B, Bekembayeva G.S, Koikov V, Omarkulov B, Mussabekova S.A. (2019). *Research Journal of Pharmacy and Technology*, 12(5), 2283-2288