

## EDITOR-IN-CHIEF COLUMN

**Dear Colleagues!**

The pandemic of the new coronavirus infection COVID-19, announced by the World Health Organization (WHO) on March 11, 2020, continues. It was first identified in late 2019 in Wuhan, China, Hubei Province. More than 6.1 million confirmed cases of COVID-19 have been reported worldwide. The United States of America, Brazil, Russia, Great Britain, Spain, Italy, Germany, Turkey, France, India, Iran and Peru became the most affected countries by the pandemic. On May 25, 2020, WHO noted that the pandemic of a new coronavirus infection is on the first wave and one needs to be prepared for the second. In Russia, as in many countries of the world, measures were taken to protect health and prevent the spread of COVID-19, which led to

certain successes. In the Sakha (Yakutia) Republic, despite taken restrictive measures, the epidemiological situation regarding COVID-19 remains to be tense. It is currently difficult to talk about the timing of the end of the pandemic and make predictions for the future.

The 2020 pandemic set the world scientific and medical community a number of new tasks for the diagnosis, treatment and prevention of new coronavirus infection. The pandemic has made adjustments to all sectors and activities of our lives. In the new online format, the 75th anniversary of the Victory in the Great Patriotic War was celebrated.

In the context of the pandemic, the work of scientists did not stop for a minute, including those who worked in a remote mode. The editors of the journal, as well as in the "pre-coronavirus" time, received a large amount of interesting material from the authors.

In the 70th issue of the magazine, as always, different regions of our country are presented - Central Russia, Siberia, the Far East and, of course, the Sakha (Yakutia) Republic. Researchers are interested in such issues as the functional activity of immunocompetent cells in various pathologies of the gastrointestinal tract (Staborov V.A. et al.) and in the complex treatment of patients after simultaneous operations on the abdominal organs (Tobokhov A.V., Nikolaev V.N.). The constant heading "Hygiene, Sanitation, Epidemiology and Medical Ecology" offers our users interesting materials that have become relevant in connection with the COVID-19 pandemic. So, the article of V.V. Gribova et al. "Cloud service for the differential clinical diagnostics of acute respiratory viral diseases (including those associated

with highly contagious coronaviruses) with an application of methods of artificial intelligence" will cause undoubted theoretical and practical interest. The authors presented a cloud service that allows accumulating data on the clinical manifestations of acute respiratory viral infections (including those associated with especially dangerous coronaviruses MERS-CoV, SARS-CoV, SARS-CoV-2) and, using artificial intelligence methods, significantly simplify and speed up the preliminary diagnosis. Actual issues of microbiology, epizootology in the region of Yakutia are covered in papers of Akhremenko Ya.A. et al., A.A. Nikitina et al., Klimova T.M. et al.

The problems of Arctic medicine are one of the important scientific directions, so the journal highlights them as well. This issue presents the results of molecular genetic studies in indigenous peoples of Yakutia with arterial hypertension (Sofronova S.I. et al.), mortality problems in the child population of the Arctic regions of the Sakha (Yakutia) Republic (Evseeva S.A. et al.) etc.

A group of authors from Tuva (L.E. Tabikhanova et al.) presented an article entitled "Features of the gene pool of the Tuvian ethnos based on the study of blood group antigens in comparative perspective", which submits materials on modern Siberian populations, which will undoubtedly arouse the interest of specialists in various fields.

I would like to believe that life will gradually return to normal and that the papers published on the pages of this issue will be interesting to our dear readers and useful in your professional activity.

Dear colleagues, enjoy your reading and see you in the next issue of our journal.

*Editor-in-chief Anna Romanova*

