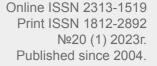
JCMK

JOURNAL OF CLINICAL MEDICINE OF KAZAKHSTAN











EDITORIAL

FOUNDER and HONORED EDITOR

Abay Baigenzhin, (Kazakhstan)

EDITOR-IN-CHIEF

Abduzhappar Gaipov, (Kazakhstan)

ASSOCIATE EDITORS

Sinan Kardes, (Turkey) Ashish Jaiman, (India) Mathias Hossain Aazami, (Iran)

EXECUTIVE SECRETARY

Laura Dybyssova, (Kazakhstan)

PRODUCTION AND PRINTING MANAGER

Bekzat Pulatov (Kazakhstan)

EDITORIAL BOARD

Yasin Uzuntarla, (Turkey) Temirlan Karibekov. (Kazakhstan) Sakir Ahmed (India) Saltanat Tuganbekova, (Kazakhstan) Manarbek Askarov, (Kazakhstan) Zulfiva Orynbayeva, (USA) Rimantas Benetis, (Lithuania) Galina Fedotovskikh, (Kazakhstan) Ospan Mynbaev, (Russian Federation) Gunay Akbarova, (Azerbaijan) Selman Unverdi, (Turkey) Ulan Kabayev, (Kazakhstan) Talgat Nurgozhin, (Kazakhstan) Yuriy Kazakov, (Ukraine) Almaz Makenjan uulu, (Kyrgyz Republic) Jakhongir Alidjanov, (Uzbekistan) Praveen Kumar Potukuchi, (USA) Oybek Rustamov (Australia)

JOURNAL OF CLINICAL MEDICINE OF KAZAKHSTAN

Scientific and practical journal

ADVISORY BOARD

Turgut Teke, (Turkey) Kubes Jiri. (Czech Republic) Yaroslav Tolstyak, (Ukraine) Rustam Mustafin, (Bashkortostan, Russian Federation) Adem Kucuk, (Turkey) Yana Sotskaya, (Ukraine) Ainura Dzhangaziyeva, (Kyrgyz Republic) Mehtap Tinazli, (Turkey) Yulia Lunitsyna, (Russian Federation) Yuksel Ersoy, (Turkey) Rikhsi Sabirova, (Uzbekistan) Nurdin Mamanov, (Kyrgyz Republic) Mariya Derbak, (Ukraine) Anatoliy Kolos, (Kazakhstan) Vitaliy Koikov, (Kazakhstan) Saule Abseitova, (Kazakhstan) Almagul Kushugulova, (Kazakhstan) Marlen Doskali, (Kazakhstan) Kakharman Yesmembetov, (Kazakhstan) Nelya Bissenova, (Kazakhstan) Gauri Bapayeva, (Kazakhstan) Bagdat Imasheva, (Kazakhstan) Galiya Shaimardanova, (Kazakhstan) Nasrulla Shanazarov, (Kazakhstan) Adilzhan Albazarov, (Kazakhstan) Elmira Chuvakova, (Kazakhstan) Zhannat Taubaldieva, (Kazakhstan) Aidos Konkayev, (Kazakhstan) Samat Saparbayev, (Kazakhstan) Olga Ulyanova, (Kazakhstan) Galiya Orazova (Kazakhstan)

AIMS AND SCOPE OF THE JOURNAL

Journal "Clinical Medicine of Kazakhstan" (ISSN 1812-2892) is a multi-field dedicated peer-reviewed medical journal. The main thematic scope – publication of materials on medical science and practice, education and healthcare organization. Joint Stock Company "National Scientific Medical Center" publishes the journal bimonthly in a year (in February, April, June, August, October, and December).

All articles sent to editors undergo double-blind review. Manuscripts are judged by two experts exclusively on the basis of their contribution to initial data, ideas and their presentations. Editors accept articles for consideration and publication at no cost. Detailed information is available in the section Information for authors at the end of this material

The Journal of "Clinical Medicine of Kazakhstan" to the full extent is wedded to initiative of open access and ready to provide free access to full texts of articles, as soon as they will be published and available in the Internet (www.clinmedkaz.

Journal was registered in the Ministry of Information of the RK on 05.04.2004 and currently included to the list of Publications, approved by the Committee for Control of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan for publication of the main outcomes of scientific activity.

The journal is indexed in such international scientific-information bases as Russian Science Citation Index, "Cyberleninka" scientific electronic library, Index Copernicus International, Google Scholar, CrossRef. DOAJ.



Editorial Office: Journal of Clinical Medicine of Kazakhstan Ave Abylay-khan #42, 010009, Nur-Sultan, Kazakhstan Phone: +7(7172) 577411; Fax: +7(7172) 232927 E-mail: editor@clinmedkaz.org Web Adress: www.clinmedkaz.org

NATIONAL SCIENTIFIC MEDICAL CENTER JSC, NUR-SULTAN CITY, REPUBLIC OF KAZAKHSTAN





INTERNAL MEDICINE

Multi-profile departments of therapeutic spectrum of nosology are designed to provide tertiary care in respiratory medicine, hepatology, nephrology, rheumatology, disorders of the endocrine system, hemostasis and neurology. Complex differential diagnostic researches are carried out with the methods of morphological verification using electronic and immunofluorescence microscopy, laboratory tests at the molecular and cellular level. The modern therapy schemes are used on the basis of evidence-based medicine, therapy with biological agents, methods of efferent therapy (extended hemofiltration, hemodiafiltration, selective lipidaferez, double cascade plasma filtration, plasmasorption, immunoadsorption, heparin-induced extracorporeal LDL-precipitation, MARS, innovative approaches of treatment and control of diabetes, insulin pump therapy, treatment and diagnosis of interstitial lung disease, obstructive sleep apnea syndrome. Uniqueness and progress of the Institute of Internal Medicine is determined by the possibility of operative interaction of clinical, diagnostic and research units, aimed at maximum extension of active and quality of life of our population.

High professionalism of the employees and serious scientific training at the best universities of the Russian Federation, Korea, Austria and Lithuania has provided our team with a leading position in the Republic of Kazakhstan.