

AKERKE JANZAKOVA

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SUMMARY

A highly skilled physician with expertise in infectious diseases, vaccinology, and public health. Accomplished educator and curriculum developer passionate about promoting collaborative learning and evidence-based decision-making. Dedicated to improving patient outcomes and promoting healthy behaviours through multidisciplinary collaboration and patient-centred care. Research interests include Herpesviruses, COVID-19, HIV, TB, zoonotic and tropical infections diagnosis, treatment and prevention, and vaccinology.

EDUCATION

Masters, Medicine

2023 – 2025

University of Higher School of Public Health, Kazakhstan

- Scientific project: "Reactivation of herpes family viruses (Cytomegalovirus, Epstein-Barr and Herpes Simplex) after COVID-19 infection."

Residency, Infectious diseases, adult including children

2017 – 2019

Kazakh Medical University of Continuing Education, Kazakhstan

- Theme of diploma project: Clinical and laboratory features of pertussis infection in children."

Internship, Therapy

2013 – 2015

Kazakh National Medical University named after S.Zh. Asfendiyarov, Kazakhstan

Bachelor's degree, "General Medicine" / Doctor of Medicine (MD)

2008 – 2013

Kazakh National Medical University named after S.Zh. Asfendiyarov, Kazakhstan

- Cumulative GPA: 3.67

PROFESSIONAL EXPERIENCE

Kazakh National Medical University named after S.Zh. Asfendiyarov, Kazakhstan Sep 2023 – present

Teacher of Childhood Infectious Diseases Department

- Educated international medical students from India, Pakistan, and Afghanistan on infectious disease topics through lectures, seminars, and clinics
- Making clinical case studies, tests and taking final exams from the students
- Developed and delivered resident education by providing infectious disease rotations and core lectures
- Lectured on the importance of longCOVID-19, vaccination and Measles, pertussis, Diphtheria

Kazakh-Russian Medical University, Almaty, Kazakhstan

Oct 2021 – Feb 2024

Assistant Professor of Infectious Diseases Department

- Educated international medical students from India, Pakistan, and Afghanistan on infectious disease topics through lectures, seminars, and clinics
- Developed and delivered resident education by providing infectious disease rotations and core lectures
- Served on relevant educational and hospital committees, such as hospital formulary, infection control, and antimicrobial stewardship
- Performed inpatient and outpatient care as a consulting and attending physician
- Lectured on the importance of COVID-19 vaccination and conducted a conference on meningococcal infection and measles for fellow doctors
- Designed and developed curriculum and instructional materials for the Basic Clinical and Laboratory Aspects of Tropical and Parasitic Diseases and specialized instruction on Childhood Infection

City Clinical Hospital No. 7, Almaty, Kazakhstan

Sep 2017 – present

Infectious Diseases Specialist

- Diagnosed patients by evaluating their symptoms and determining their physical ailment
- Prescribed appropriate medications based on patient's health conditions and medical history
- Advised patients on compliance with their therapeutic regimen and avoidance of risk factors
- Educated medical students on infectious disease topics in lectures, seminars, clinics, and wards
- Communicated with patients, families, and team members through newsletters, roundtables, and professional seminars
- Organized a conference and round table on HIV/AIDS in Central Asia

Kazakh Medical University of Continuing Education, Almaty, Kazakhstan

Dec 2019 – Jun 2021

Assistant Professor of Infectious Diseases Department

- Educated medical students on infectious disease topics in lectures, seminars, clinics, and wards
- Served on relevant hospital committees to improve patient care
- Supported and developed research activities
- Functioned as a valuable member of the university's faculty.
- Created vaccinology course material, lesson plans, and curricula
- Developed an English teaching aid on the cycle of childhood infections and vaccine-preventable disease
- Conducted a seminar and open lessons at PHC, medical workers about "Vaccinology."
- Facilitated engaging discussions and created an inclusive learning environment

Central Clinical Hospital, Almaty, Kazakhstan

Sep 2019 – Apr 2022

Emergency Room Physician

- Conducted pre-admitting activities such as receiving bookings from physicians and interviewing patients to obtain required information and explain hospital policies, as well as assembling admission folders for scheduled patients
- Provided emergency care for patients in the emergency department
- Diagnosed and admitted patients with therapeutic, nephrological, endocrinological, and hematological conditions, including those with comorbidities
- Analyzed lab tests, instrumental results, and examination data to ensure accurate diagnoses and appropriate treatment plans
- Collaborated with specialists and multidisciplinary teams to deliver comprehensive patient care.

RESEARCH AND QUALIFICATIONS

- Conducted a workshop-master class on the "Immunization Program in the Republic of Kazakhstan for Primary Health Care", organized and presented in July 2022
- Presented an excellent case at the Salzburg Reading Seminar on Infectious Diseases, earning a certificate from the Open Medical Institute, Weill Cornell Medicine, and the Medical University of Vienna in March-April 2022
- Participated in the II Kazakhstan Congress of infectious diseases in the context of globalization, in Nur-Sultan in October 2021
- Presented a case on infectious diseases at Weill Cornell Medicine in Salzburg, Austria in May 2021
- Participated in the World Science Conference on Scientific issues of modernity in Dubai, UAE in April 2015
- Participated in the 7th International Congress on Human and Medicine in Kazakhstan in Almaty and Shymkent in October 2014.

PUBLICATIONS AND ARTICLES

- "Waterhouse-Friedrichsen syndrome in severe meningococcal infection." Herald of KazNMU scientific and practical journal. ISSN 9965-01-300-4. Almaty, №2 (2), **2014**
- "The role and significance of D-dimer in cardiology" Therapeutic Herald Journal. ISSN 1562-2940. №1, Almaty, **2015**
- "The role of haemodynamic disorders in the development of cardiac liver injury (literature review)" International Scientific and Practical Conference. ISBN 978-966-316-373-4, Vol.4, Dubai **2015**.
- "Clinical and laboratory features of pertussis infection in children" APSATAR READINGS: «THE FUTURE OF MEDICINE. CHALLENGES AND DECISIONS» the collection reflects the results of the International scientific-practical conference of students and young researchers.: ISBN 978-601-7830-23-6, Almaty, **2019**
- "MAIN CHILD INFECTIONS". Training manual: ISB 978-601-7292-98-0. Almaty, **2020**
- "TROPICAL INFECTIOUS DISEASES" Training manual Book for international students: Almaty, **2022**
- "Mysterious Linear Rash" clinical case in Seminar in Infectious Diseases special issue, Salzburg, Austria **2022**
- "Clinical case of dilaphilariasis." and "Analysis of lethal outcomes in IUI in children." abstract in the journal Medicine of Tomorrow: Scientific Legacy of Academic M.A. Aliyev.: ISBN978-601-7838-30-0, Almaty, **2023**
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SKILLS

- Upper-intermediate in English, and native Kazakh and Russian
- Proficiency in MS Office Word, Excel, Outlook, PowerPoint, OneNote, Access, and health management information systems (HMIS)
- Experience in laboratory tests including CBC, biochemical blood tests, ELISA, cell culturing, cerebrospinal fluid, polymerase chain reaction, IFA, CT scans, ECG, and ultrasound diagnostics
- Cross-cultural communication skills
- Expertise in curriculum development, especially on tropical, parasitic, and childhood diseases
- Strong skills in classroom management, student assessment, and feedback, and creating collaborative learning environments
- Knowledge of public health, emergency medicine, patient assessment, diagnosis, and comorbid condition management
- Proficiency in analyzing lab tests, instrumental results, and developing appropriate treatment plans
- Strong multidisciplinary collaboration skills
- Expertise in infectious disease management, clinical decision-making, and comprehensive patient care
- Knowledge of various infections and their etiologies in nephrology, endocrinology, and hematology.

- Time management and prioritisation.

Volunteering and additional information.

- Project Manager in the healthcare system
- Managed a healthcare project from September 2022 at the Yenbekshikazakh multidisciplinary hospital. Produced education and training videos for patients, also project management of diseases at the primary health care level
- Active in supporting a healthy lifestyle, regularly taking part in marathons. in 2022 she ran the city marathon for 10 km
- Volunteered and held a charity concert at the Home for the Aged and Disabled. 2011
- Volunteered and organized a doctor's trip to help the flood victims in Kyzylagash 2010
- Volunteered and organized a charity concert at the KazNMU named after S.D. Asfendiyarov to help treat children with disabilities and cerebral palsy 2009

REFERENCE

- **Saule Doskojaeva** – Professor, Doctor of Medical Sciences of the Department of Infectious Diseases at Kazakh-Russian Medical University, Contact information – Email: sdoskojaeva@mail.ru , Phone: +7 (702) 256-65-76
- **Gauhar Kurmanova**- Professor, Doctor of Medical Sciences, Head of the Department of Clinical Disciplines Kazakh National University named after Al-Farabi
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