

CURICULUM VITAE

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Date of birth: 17 Sep 1981
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• Education and key qualifications

- 2023 Associate professor
Institute: M. Aitkhozhin Institute of Molecular Biology and Biochemistry / Almaty / Kazakhstan
- 2010 PhD equivalent (Candidate's degree)
Institute: M. Aitkhozhin Institute of Molecular Biology and Biochemistry / Almaty / Kazakhstan
Name of PhD Supervisor: Prof. Bulat K. Iskakov
- 2004 Master
Biology Faculty of the Kazakh National University named after al-Farabi / Almaty / Kazakhstan

• Current positions

- 2023-present Head of the Laboratory
M. Aitkhozhin Institute of Molecular Biology and Biochemistry / Almaty / Kazakhstan
- 2018-present Leading researcher
Almaty Branch of the National Center of Biotechnology (in Central Reference Laboratory) / Almaty / Kazakhstan

• Previous positions

- 2016–2023 Leading researcher / M. Aitkhozhin Institute of Molecular Biology and Biochemistry
- 2010–2016 Senior researcher / M. Aitkhozhin Institute of Molecular Biology and Biochemistry
- 2008-2010 Researcher / M. Aitkhozhin Institute of Molecular Biology and Biochemistry / Kazakhstan
- 2006-2009 Junior researcher / RSE “Scientific Center for Anti-infectious Drugs” / Kazakhstan
- 2004-2006 Expert / Laboratory for Certification and Standardization of Medicines / Kazakhstan

• Fellowships and traineeships

- 2019 Traineeship “Field Certification of Class II Biosafety Cabinets” Public Health England / Salisbury / United Kingdom (international NSF certificate received)
- 2010 Traineeship (Bolashak International Traineeship Program) at the Institute of Chemical Biology and Fundamental Medicine, Novosibirsk, Russia (cross-linking technique)
- 2004-2006 PhD Scholarship M. Aitkhozhin Institute of Molecular Biology and Biochemistry / Almaty / Kazakhstan
- 2002-2004 Master Scholarship Kazakh National University named after al-Farabi / Almaty / Kazakhstan
- 1998-2002 Bachelor Scholarship Kazakh National University named after al-Farabi / Almaty / Kazakhstan

• Supervision of graduate students

- 2011-2024 Five Master Students
Kazakh National University named after al-Farabi / Almaty / Kazakhstan

• Collaboration and academy memberships

- 2012, 2013 Plant Biology and Crop Science Department Rothamsted Research / Harpenden / UK
- 2010, 2011 Institute of Chemical Biology and Fundamental Medicine / Novosibirsk / Russia
- 2007 Molecular Plant Virology Laboratory, Botanical Institute, Plant Health Unit, University of Basel /Basel / Switzerland

• Organization of scientific conferences

- 2023 Member of the organizing committee of the International Scientific Conference of Young Scientists dedicated to the 40th anniversary of the founding of M.A. Aitkhozhin Institute of Molecular Biology and Biochemistry / Almaty / Kazakhstan
- 2019 Member of the organizing committee of the International Scientific Conference of Young Scientists dedicated to the 80th anniversary of academician M.Aitkhozhin / Almaty / Kazakhstan

• Institutional responsibilities

- 2023-present Member of the Local Ethical Commission at the M.Aitkhozhin Institute of Molecular Biology and Biochemistry / Almaty / Kazakhstan
- 2018-present Member of the scientific council of the M.Aitkhozhin Institute of Molecular Biology and Biochemistry / Almaty / Kazakhstan
- 2022-present Member of the scientific council of the Almaty Branch of the National Center of Biotechnology (in Central Reference Laboratory) / Almaty / Kazakhstan
- 2019-2022 Biological Safety Cabinet Certification in Almaty Branch of the National Center of Biotechnology (in Central Reference Laboratory) / Almaty / Kazakhstan
- 2014-2018 Chairman of the Council of Young Scientists in the M.Aitkhozhin Institute of Molecular Biology and Biochemistry / Almaty / Kazakhstan

• Reviewing activities

- 2022-present Reviewer in Eurasian Journal of Applied Biotechnology / Kazakhstan
- 2020-present Scientific expert and Reviewer in JSC "National Center of Science and Technology Evaluation" / Kazakhstan

• Awards

- 2024 Medal "For Contribution to Healthcare" from the Ministry of Health of the Republic of Kazakhstan for the development of the first domestic test system for diagnosing COVID-19 and participation in minimizing the consequences of the coronavirus pandemic.
- 2024 Medal "For contribution to the science" from the Ministry of Science and Higher Education of the Republic of Kazakhstan.
- 2024 Award and Gratitude from the National Security Committee of the Republic of Kazakhstan for participation in the elimination of an outbreak of mixed pavovirus and circovirus infection in the state nursery for service dogs.

• Patents

Fiver invention patents from the Kazakhstani Patent Bureau (first author in four patents).

• Repository activity

More than two hundred new nucleotide sequences had been deposited in the GenBank (102), GISAID (89), PANGOLIN (48), and PubMLST (2) databases.