

Zhadyra Shagyrova

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Tbilisi, 36 Vaso Godziashvili 0159



SKILLS

- Practical Work Experience with Fast Protein Liquid Chromatography (AKTA purifier Unicorn 5.31)
- Extraction and Purification of Plasmid DNA
- Restriction Analysis of Recombinant Plasmids
- Cloning of DNA, Extraction of Protein, Extraction of DNA from Blood
- Protein and DNA Electrophoresis
- Spermogram (Spermogram, Morphology, MAR-Test), DNA Test for Sperm Fragmentation
- Analysis of Microdeletions of the AZF Y Chromosome Locus
- CFTR Gene Analysis, Cystic Fibrosis
- Cryopreservation and Thawing of Oocytes, Embryos, Semen
- IVF, ICSI, PICS; Embryo Biopsy

EDUCATION

01/2013
Kazakh National University Named After al-Farabi | Almaty, Kazakhstan
Master of Science

01/2011
Kazakh National University Named After al-Farabi | Almaty, Kazakhstan
Bachelor: Biotechnology at Biological Faculty

CONFERENCES

- International IVIRMA Congress - Malaga, Spain - April 20-22, 2023
- International KARM Congress - Almaty, Kazakhstan - November 8-11, 2023
- International ESHRE 39th Congress - Copenhagen, Denmark - June 25-

LANGUAGES

Kazakh: First Language

English: B2
Upper Intermediate

French: B1
Intermediate

Russian: C2
Proficient

Turkish: A2
Elementary

EXPERIENCE

03/2019 - Current
Embryologist,
BetaPlus Fertility Clinic | Tbilisi, Georgia

05/2018 - 03/2019
Embryologist,
International Clinical Center of Reproductology "Persona" | Almaty, Kazakhstan

04/2014 - 12/2017
Junior Researcher,
Genetic Engineering Laboratory | National Center for Biotechnology, Astana

01/2014 - 04/2014
Doctor Virologist,
Center of Sanitary and Epidemiological Examination | Astana, Kazakhstan

01/2013 - 06/2013
Lab Assistant,
Kazakh National University | Almaty, Kazakhstan

09/2012 - 01/2013
Lab Assistant in Cell Engineering Laboratory,
The Institute of Plant Biology and Biotechnology | Almaty, Kazakhstan

07/2012 - 07/2012
Lab of Proteomics, Analyzing Samples with Mass Sp,
Laboratoire de Protéomique Fonctionnelle | Montpellier, France

01/2011 - 04/2011
Training Practice for 4 Month,
LLP Antigen | Almaty, Kazakhstan

28, 2023

- International ESHRE 38th Congress
- Milan, Italy - July 3-6, 2022

01/2009 - 12/2010

Laboratory of Food Biotechnology,
Al-Farabi Kazakh National University | Almaty, Kazakhstan

CERTIFICATIONS

- Certificate of French Language Courses at Alliance Francaise (degree A, A1, A2.1)
- Certificate of English Language (IELTS, Score 5.5)
- Certificate of RAHR, Participant of the XXVIII Annual International Conference of the RAHR Reproductive Technologies Today and Tomorrow, Participant of the Seminars ESHRE - Certificate of Attendance, Italy, Milan; July 3-6, 2022
- Certificate of KARM, Participant of the X International Congress Modern Approaches to the Treatment of Infertility. ART: Present and Future, Kazakhstan, Almaty; November 23 - 24, 2018
- Participant of the Master Class on the Topic: The Preservation of Female and Male Fertility, Kazakhstan, Almaty; November 22, 2018

PUBLICATIONS

- Zh.S. Shagyrova, Y.Y. Zhienbay, M.Voikov, A.V. Shustov. Preparation of chemical and physical conjugates of self-assembling nanoparticles with cell-penetrating peptide and doxorubicin. CBU International Conference on Innovation, Technology Transfer and Education. March 25-27, 2015, Prague, Czech Republic. Proc. PP. 405-411
- A.Zh. Baltabekova, Zh.S. Shagyrova, A.S. Kamzina, M.S.Voikov, Y. Zhienbay, E.M. Ramanculov, A.V. Shustov. SplitCore technology allows efficient production of viruslike particles presenting a receptor-contacting epitope of human IgE. Mol Biotechnol. 2015 Aug; 57(8):746-55. IF 2, 752
- A.Zh. Baltabekova, Zh.S. Shagyrova, Y.G. Kim, M.S. Voikov, Y. Zhiyenbay, A.V. Shustov. Production of granulocyte colony-stimulating factor in mammalian cell cultures. International Scientific and Practical Conference Modern Problems of Biotechnology: from laboratory Researches to production. III International Farabi Readings. April 7-8, 2016, Almaty, Kazakhstan
- A.S. Axambayeva, Zh.S. Shagyrova, T.S. Nurgozhin, E. Zhiyenbay, A.V. Shustov. Novel material: Biocompatible glue for use in biology and medicine recombinant mussel adhesive proteins. Eurasian journal of applied biotechnology. 3, September, 2016
- Zh.S. Shagyrova, A.Zh. Baltabekova, M.S. Voikov, A.V. Shustov, E.M. Ramanculov Patent. A method for reducing the cytopathogenic effect of equine Venezuelan encephalomyelitis virus using a programmed shift of the reading frame. Author's certificate number 97538. Patentee: Republican state-owned enterprise on the right of economic management "National Center for Biotechnology" of the Committee of Science of the Ministry of Education and Science of the Republic of Kazakhstan. Preimplantation Genetic Testing: Clinical, Laboratory and Ethical Aspects, Evaluation of the Quality of Human Embryos in IVF Programs, Problems of Embryology Laboratory: Search and Solution, Russia, UFA; September 5-8, 2018