

# Aliya Orassay

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Astana, Kazakhstan, 8 (701) 132 72 80, [aliya.orassay@nu.edu.kz](mailto:aliya.orassay@nu.edu.kz)

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## EDUCATION

Nazarbayev University  
Bachelor of Biological Sciences  
Dean's List Fall 2021  
GPA: 3.60/4.0

**Astana, Kazakhstan**  
2019 — 2023

## WORK AND INTERSHIP EXPERIENCE

Research Assistant

**Astana, Kazakhstan**  
2022-2023

- Performed computational data analysis, network analysis of molecular pathways, genetical analysis, ACM and TEM imaging, cell apoptosis assay, optical density and image processing.
- Proceeded wet lab experiments including cell culturing, PARP inhibition assay, cell staining, enzymatic activity screening.
- Accomplished research paper writing

Project Manager

- Managed equipment, consumables ordering
- Organized laboratory meetings with research assistants and interns
- Contacted representatives of projects and organized project collaborations
- Human Resource Management

## VOLUNTEERING

**Children Development Foundation (CDF), Warm Winter project**

**Astana, Kazakhstan**  
2021

Coordinator

- Worked with a group organization, contacted members, coordinated the program
- Gathering funding, meeting participants of the program

**Children Development Foundation (CDF), Teaching Program**

**Astana, Kazakhstan**

Teacher

2021

- Taught children with socially vulnerable status
- Helped to pass the entrance examination to schools

## EXTRACURRICULAR ACTIVITIES

**Academic Advising Office, Nazarbayev University**

**Astana, Kazakhstan**  
2022

Mentor

- Mentored junior, sophomore students and provided a guidance for their academic and non-academic activities.
- Conducted training programs about time management, CV preparation, research assistantship opportunities.
- Organized meetings to communicate students and professors regarding the academic performance and research interest.

**Model United Nations in Aktau Nazarbayev Intellectual School**

**Aktau, Kazakhstan**  
2019

Council Chair

- Organized the Model United Nations Conference in Aktau
- Was a council chair of World Health Organization section of MUN program

## ACHIEVEMENTS AND PUBLICATIONS

- Orassay, A., Berdigaliyev, A., Sadvokassova, D., Diassova, A., Amin, A., Cao, W., & Xie, Y. (2022). Recent advances on human mpox. *New microbes and new infections*, 101066. Advance online publication. <https://doi.org/10.1016/j.nmni.2022.101066>

- Accepted to Japanese Society of Medical Oncology (JMSO) conference in Japan (Fukuoka) with the topic “Prostate cancer patients' concerns as pandemic target AR (androgen receptor) in both immune response and infection”
- The Presidential Stipend holder (July - December 2022).
- Letter of Thanks “Мы люди, мы вместе” Charity Fund for volunteering

## **SKILLS**

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- Fluent in Kazakh, English, Russian. Intermediate in Japanese.
- Skills: I have analytical thinking, problem-solving skills, a highly communicative and responsible personality, able to work independently and interdependently in teamwork required environment.