Amina Kazieva

Pavia, Italy

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EDUCATION

University of Pavia (UniPV) — Pavia, Italy

PhD in Genetics, Molecular and Cellular biology — [01/10/2026-current]

- Project title: The impact of missense mutations on FLVCR1 isoforms and their interaction networks
- Supervisor: Prof. Francesca Magnani
- Co-supervisor: Prof. Claudia Ghigna

University of Pavia (UniPV) — Pavia, Italy

Master's degree in Molecular Biology and Genetics — [01/10/2024-25/09/2026]

- Final score 108/110
- Purification and characterization of human membrane transporters
- Thesis: Biochemical and Biophysical characterization of FLVCR1 Transporters

Surgut State University (SurSU) — Surgut, Russia

Bachelor's degree in Biology — [01/09/2018-15/07/2022]

- GPA 4.75/5.00
- Thesis: Biotechnological methods of producing medicinal plant raw materials of *Dasiphora fruticosa* (L.)

PROFESSIONAL EXPERIENCE

Personal biology tutor, freelance — [09/2020-current]

- Prepare high school students for Russian state biology exam

Researcher, Lab assistant, SurSU — [10/2022-08/2024]

- Conducting research in plant biotechnology, plant physiology and biochemistry

INTERNSHIPS

University of Pavia, Pavia — [01/11/2024-01/09/2026]

- Internship in Membrane Protein Laboratory (https://www.fmagnani-lab.com/)

Fondi MUR, Pavia — [06/11/2025-18/12/2025]

- Tutor in laboratory of Basic Molecular Biology

Sirius, Sochi — [17/10/2023-01/11/2023]

- Genetic basis of plant selection: grain crops, rice and corn genetics

Ugra State University, Khanti-Mansijsk — [25/07/2022-29/07/2022]

- Barcoding for the study and protection of Ugra's biodiversity

TECHNICAL SKILLS

Protein Biochemistry

- Protein purification
- Protein analysis and characterization
- Proteoliposome reconstitution

Molecular Biology

- PCR, cloning, mutagenesis, DNA extraction, and transformation of *E. coli* cells
- Electrophoretic techniques: agarose electrophoresis, SDS-PAGE, and Western blotting

Biophysical methods

- Microscale thermophoresis (MST)
- Bio-layer interferometry (BLI)

Data analysis

- GraphPad Prism

LANGUAGE SKILLS

Russian (native), English (B2), Italian (B1)