

PERSONAL INFORMATION

Doina Țurcan

10, Timișoara street, MD 2003 Chișinău (Moldova)

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Sex Female | Date of birth 12/11/1995 | Nationality Moldovan

WORK EXPERIENCE

01/09/2017–Present

Superior laborant in Human Molecular Genetics Laboratory

IMSP Institute of Mother and Child, Chișinău (Moldova)

10/02/2014–10/08/2017

Superior laborant at the Department of Biology

University of Academy of Sciences of Moldova, Chișinău (Moldova)

EDUCATION AND TRAINING

01/09/2017–Present

Master in Natural Science

University of Academy of Sciences of Moldova, Chișinău (Moldova)

General competences:

- performance self-assessment in the field of Biology and Molecular Biology
- conducting experimental activities for the promotion and transfer of obtained results to various sectors
- application of information technologies in molecular research
- evaluation of obtained knowledge for application in problem solving
- application of information technologies in research at population level
- analyzing and comparing the results with existing data in different databases

Master's in Molecular Biology program specific competences:

- identifying the main directions for the evaluation and development of Molecular Biology as a science
- justifying the use of a certain methodology in the study of Molecular Biology
- practical application of innovations in the field
- establishing interdisciplinary study priorities in scientific research
- proposal/realization of research projects, demonstrating a high degree of autonomy

03/09/2017–05/09/2017

Certificate of participation at the Practical course in molecular genetics: „Molecular techniques used in genetic screening and diagnostics, from nucleotide to genome”

Human Genomics Laboratory of the Regional Center of Medical Genetics Dolj, Craiova (Romania)

- The study of medical genetics performance techniques such as QF-PCR (Quantitative Fluorescence PCR), Q-PCR (Quantitative PCR), FISH (Fluorescence in situ hybridization), MLPA (Multiplex Ligation-dependent Probe Amplification), Array Comparative Genomic Hybridization), NGS (Next-Generation Sequencing)

- NGS results interpretation workshops.

01/09/2014–31/05/2017

Bachelor's in Natural Science

University of Academy of Sciences of Moldova, Chişinău (Moldova)

General competences:

- acquiring knowledge of fundamental biological processes and phenomena
- application of the methods of study and analysis of biological processes and phenomena
- developing strategies for genetic resources conservation and protection
- acquiring knowledge of modern biotechnology methods and perspectives
- using biological databases and bioinformatics programs
- modeling various biological processes and proposing hypothetical models
- developing and planning various experiments in the laboratory and field

Molecular Biology specialty specific competencies:

- applying modern research methods to solving practical problems
- development and implementation of strategies for the evaluation of research activity
- using various forms and techniques for the evaluation of professional activity
- applying the results obtained in research design
- identifying and explaining the emergence of various biological phenomena
- applying legislation on biosafety in laboratory activities

01/09/2011–31/05/2014

High school diploma

National College of Medicine and Pharmacy „Raisa Pacalo”, Chişinău (Moldova)

Professional competencies:

- finished courses at the disciplines: anatomy, microbiology, pharmacology, hygiene, surgical nursing, pediatric nursing with practical stages at the Institute of Scientific Research "Mother and Child Center, Territorial Medical Association Ciocanai, private medical center "Sfântul Pantelemon".
- knowledge of scientific, social and legal context.

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B2	B1	B2
Russian	C2	C2	C2	C2	C2
Spanish	C1	C1	B1	B1	B1
French	B1	B2	A2	A2	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication skills acquired through oral participation in scientific seminars and conferences.

Organisational / managerial skills

- Good organizational skills obtained as a member of the Cultural Organizational Committee within the Senate of the University of the Academy of Sciences of Moldova.

- Well-developed initiative spirit, acquired as a volunteer at Young Caritas.

Job-related skills

- A good ability to work as part of a team.
- A good capacity for adaptation and learning new methods and techniques shortly.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Proficient user	Proficient user	Independent user	Independent user

Digital competences - Self-assessment grid