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# Curriculum vitae

## PERSONAL INFORMATION



## Diana-Roxana Constantinescu

- Bucharest (Romania)
- 0720290202
- dianaconstantinescu5@gmail.com

Date of birth 5 Apr 1994 | Nationality Romanian

## WORK EXPERIENCE

5 Dec 2018–Present

### Research assistant

Center of Excellence in Translational Medicine - CEMT, Bucharest (Romania)

## EDUCATION AND TRAINING

15 Sep 2009–1 Jun 2013

### Ecological and environmental quality technician

Technical College, Piatra Neamț (Romania)

Environment protection

1 Oct 2013–1 Jul 2016

### Biology Degree

Alexandru Ioan Cuza University, Faculty of Biology, Iasi

30 Jun 2014–1 Oct 2014

### Erasmus+ mobility for practice

Niğde University, Niğde (Turkey)

14 Jul 2016–3 Aug 2016

### ANTIBIOTICE (SA), Iasi, Romania

- quality assurance and control in the pharmaceutical industry;
- applied pharmaceutical technique and pharmaceutical formulation methods;
- methods of analysis, laboratory instruments and techniques,
- technology and equipment in the pharmaceutical industry;
- pharmacovigilance
- clinical research for the authorization of medicinal products
- authorization of medicines, legislation and regulatory issues in the pharmaceutical field

1 Oct 2016–Present

### Master in Molecular Genetics

"Alexandru Ioan Cuza" University of Iasi, Iasi

7 Feb 2017–1 Jul 2017

### Erasmus+ mobility for study

University of Aveiro, Aveiro (Portugal)

Molecular Biology applied in Medicine

1 Aug 2017–30 Sep 2017

### Erasmus+ mobility for practice

Agricultural University of Athens, Athens (Greece)

- RNA isolation from different samples / tissues
- cDNA synthesis by Reverse-Transcription
- Primer design for RT-qPCR
- Normalization of cDNA samples RT-qPCR
- RT-qPCR for a specific strain grown in different experimental conditions
- Analysis of RT-qPCR expression data using the algorithm  $Eff - \Delta Ct$  (PCR efficiency - Cycle threshold variation)
- ANOVA statistical analysis of the RT-qPCR results
- Graphical representation of the analysed data
- Sequencing data analysis – demonstration

1 Apr 2018–30 Jun 2018

Institute of Cardiovascular Diseases Ia "Prof. Dr. I. M. Georgescu ", Immunology Laboratory, Iasi Romania)

- RPR test
- ELISA
- Chemiluminescence immunoassay

20 Jul 2018–20 Sep 2018

**Erasmus+ mobility for practice**

Institute of Applied Biology / CERTH, (Greece), Thessaloniki (Greece)

- Isolation of DNA from different types of samples: plants, soil and algae
- Fingerprinting testing
- Analysis of barcoding sequences

**PERSONAL SKILLS**

Mother tongue(s) Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2		B2
Italian	C1	C2	C2	C2	C2
Spanish	C2	C1	B2	B1	B1
Portuguese	A1	A1	A1	A1	A1

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 gained during the experience as a volunteer in TERIS association.
- good communication skills with people of different nationality gained during the experience Erasmus +.

Organisational / managerial skills

- good organizational skills acquired after graduating pedagogic module -level I and II
- good leadership of a team skills, acquired after participating in various projects in the faculty

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving

Independent user	Proficient user	Independent user	Basic user	Independent user
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Digital skills - Self-assessment grid

Driving licence B

#### ADDITIONAL INFORMATION

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##### Conferences

**Annual Scientific Session of the Faculty of Biology, FBASM 2016 October 21 - 22, 2016 -**  
Constantinescu D. R., Popescul O., Gorgan D.L. - *Population genetic inference from hsp70 sequences of polymorphism in fishes*

##### Projects

Volunteering in the Laboratory of Molecular Genetics, "Alexandru University Ioan Cuza "din Iași

- Genetic analysis of human ancestral fragments discovered in Romania
- Evaluation of the expression of some preapoptotic and apoptotic genes from tumor cell cultures treated with cold plasma
- Identification of *Lactobacillus* species by DNA sequencing