

## PERSONAL INFORMATION

Valentina Lyubenova Peycheva



Gender Female | Date of birth 08.08.1984 | Nationality bulgarian

## WORK EXPERIENCE

01.2017 – to date

**Molecular Biologist**

Genomic Diagnostics Laboratory, Molecular Medicine Center, Department of Medical Chemistry and Biochemistry; Medical Faculty, Medical University- Sofia, 2 Zdrave Str.

Pre- and postnatal diagnostics of patients with rare genetic diseases using various molecular genetics and genomic approaches (direct sequencing, MLPA analysis, real time quantitative PCR, microarray analysis)

**Business or sector:** Research activity; Healthcare, Molecular genetics and medicine.

December 2009- February 2013

**Internship**

AgroBioInstitute, Sofia

**Business or sector :** Science and Technology; Molecular Genetics

April 2007- September 2007

**Medical representative; Medical laboratory technician**

IMDL Kandilarov, Sofia

**Business or sector** Healthcare

September 2006- April 2007

**Medical Laboratory Technician**

Medical Center "Europe", Sofia

**Business or sector** Healthcare

## EDUCATION AND TRAINING

ISCED 8

January 2014- March 2019

**PhD in Molecular Biology**

**PhD thesis:** "Molecular genetic and genomic changes in patients with epilepsy, intellectual disability and congenital anomalies"

Molecular Medicine Center, Department of Medical Chemistry and Biochemistry, Medical University, Sofia

September 2011- February 2013

**Master of Cell and Genetic Engineering**

Sofia University "St. Kliment Ohridski", Faculty of Biology

ISCED 7  
Master of  
science

September 2007- June 2011

**Bachelor of Molecular Biology**

Sofia University "St. Kliment Ohridski", Faculty of Biology

ISCED 6

**PERSONAL SKILLS**

Mother tongue(s) Bulgarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Driving license ▪ Category B

Professional skills and competence

PCR (Polymerase Chain Reaction) based technologies, Real Time PCR, Sanger sequencing, MLPA (Multiplex Ligation- dependent Probe Amplification) technology; microarray technology aCGH; analysis and interpretations of genomic data –clinical exome sequencing data and aGCH genomic data.

**ADDITIONAL INFORMATION**

**Publications**

**3** Papers in peer reviewed journals with impact factor:

- Valentina Peycheva, Neviana Ivanova, Kunka Kamenarova, et al., 2017: Impact of KCNQ2 mutations in Bulgarian patients with electroclinical syndromes with onset in the first year of life, *Biotechnology & Biotechnological Equipment*, DOI: 10.1080/13102818.2016.1259017
- Ivanova N, Peycheva V, Kamenarova K. et al., 2018. Three novel SLC2A1 mutations in Bulgarian patients with different forms of genetic generalized epilepsy reflecting the clinical and genetic diversity of GLUT1-deficiency syndrome. *Seizure*. 54:41-4.
- Peycheva V, Kamenarova K, Ivanova N et al., 2018. Chromosomal microarray analysis of Bulgarian patients with epilepsy and intellectual disability. *Gene*. 667:45-55.

**Participations in scientific forums**

International scientific forums : 8 participations

Bulgarian scientific forums: 11 participations

**Certificates**

- Cambridge ESOL Level 1 Certificate in English - University of Cambridge, United Kingdom
- Certificate of accomplishment in online course "Bioinformatics: introduction and methods"; Center for Bioinformatics, Peking University, China.

**Memberships**

European Society of Human Genetics (ESHG)

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