

PERSONAL INFORMATION

Olga Beltcheva

✉ beltcheva@mmcbg.org

WORK EXPERIENCE

01.2012 – at present

Head Assistant Professor

Molecular Medical Centre, Department of Medical Chemistry and Biochemistry, Medical University – Sofia, Bulgaria

Teaching - seminars for medical, dentistry and pharmacy students. Research.

Academia

10.206 – 12.2011

Assistant Professor

Molecular Medical Centre, Department of Medical Chemistry and Biochemistry, Medical University – Sofia, Bulgaria

Teaching - seminars for medical, dentistry and pharmacy students. Research.

Academia

09.2006 – 09.2009

Post-doctoral fellow

Molecular Medicine Centre, Sofia, Bulgaria

Research

Academia

01.05.2005 – 12.2005

Post-doctoral fellow

Karolinska Institute, Stockholm, Sweden

Research

Academia

05.1998 -12.1999

Researcher

Department Biochemistry, Oulu University, Oulu, Finland

Research

Academia

12.1997 -04.1998

Researcher

Laboratory of Molecular Pathology, Medical University – Sofia, Sofia, Bulgaria

Research

Academia

EDUCATION AND TRAINING

08.2012 – 12.2016

Postgraduate education

Dept. "Medical Chemistry and Biochemistry", Medical University of Sofia

▪ medical speciality "Biochemistry"

- 01.2000 – 05.2005 **PhD degree** ЕКР ниво - 6

Dept. of Medical Biochemistry and Biophysics, Karolinska Institutet, Stockholm, Sweden

PhD thesis: Nephryn – mutations in Congenital Nephrotic. Syndrome of the Finnish type and cell lineage specific gene regulation

 - Acquired knowledge and experience in molecular biology techniques and applications such as: Southern, Northern and Western blot; *in situ* hybridization; cloning; PCR; RT-PCR; RACE; Sanger sequencing (ABI310, ABI377); restriction and fragment analysis, EMSA.
 - Acquired knowledge and experience in cell biology techniques and applications such as: cell culturing; transient and stable transfection; luciferase reporter assay. Generation and analyses of transgenic mice; histochemistry and immunohistochemistry.
 - Acquired experience in bioinformatic applications such as GCG and Biobase alignment and prediction packages, mVISTA and rVISTA, MOTIF finder, SIGFIND, SIFT, PolyPhen 2..
- 07.2008 **Human Genome Analysis: Genetic Analysis of Multifactorial Diseases**

Wellcome Trust, Hinxton, Cambridge, UK

Training in application of statistical methods for the analysis of whole genome association and linkage studies of multifactorial diseases. Utilisation of databases and specialised software.
- 09.1998 – 09.1999 **Bio-business Professional Diploma program (BioPD).**

Oulu University, Oulu, Finland and UCSD, San Diego, USA

Basic knowledge of biotech entrepreneurship - from scientific idea to commercial product.
- 09.1991 – 06.1997 **MSc degree in Biology, specialisation of "Cell and developmental biology" "** ЕКР ниво -5A

Sofia University "St. Kliment Ohridski"

MSc thesis: Molecular characteristics of Duchenne-Becker muscular dystrophy.
- 11.1995 – 05.1996 **Tempus exchange student**

Institute of Human Genetics, Aarhus University, Aarhus, Denmark

Basic training in application of molecular and cell biology techniques.

PERSONAL SKILLS

Mother tongue(s) Bulgarian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
	TOEFL, Cambridge Certificate				
Russian	B2	B2	B1	B1	B1
Swedish	B2	B2	B1	B1	B1

Communication skills Excellent communication skills - participation in a number of national and international scientific conferences, seminars, project presentations, etc.

Organisational / managerial skills

- participation in preparation of grant application and project management;
- extensive experience in scientific team organisation and management;
- participation in workshop and conference organisation,

Teaching Experience

- seminars in "Molecular Biology and genetics" for Bio- and Mmedical Informatics MSc students in Faculty of Mathematics and Informatics, Sofia University "St. Kliment Ohridski";
- supervision of thesis students from various MSc degree programs of Sofia University "St. Kliment Ohridski";
- "Patho-biochemistry" lectures for medical students in Medical University of Sofia;
- postgraduate lecture courses for employees in the pharmaceutical industry;
- lab courses for medical and biomedical students in Karolinska Institutet, Stockholm, Sweden and Oulu University, Oulu, Finland.

Organiser of Scientific Events

- participation in organisation of National consulting meeting entitled "Molecular medicine in Bulgaria: trends and challenges", 09.2008
- member of the organising committee for Bioscience days 10-11.09.1999, Biocenter Oulu and Oulu University, Oulu, Finland.

ADDITIONAL INFORMATION

Publications

PhD thesis

Nephrin – mutations in Congenital Nephrotic. Syndrome of the Finnish type and cell lineage specific gene regulation

18 Papers in peer reviewed journals

2 Book chapters

6 Papers in Bulgarian journals

PubMed: <https://www.ncbi.nlm.nih.gov/pubmed/?term=beltcheva+o>.

ORCID: <https://orcid.org/0000-0001-6748-9726>

Research gate: https://www.researchgate.net/profile/Olga_Beltcheva

Citations

324 citations without self citations (SCOPUS, 16.09.2019)

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Participation in Scientific Meetings

22 international conferences

8 national meetings

Projects

Principal Investigator: 7

Member of the research team: 22