

PERSONAL INFORMATION

Sofia Boyanova Milenkova



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Sex Female | Date of birth 26/12/1995 | Nationality Bulgarian

WORK EXPERIENCE

April 2021 - present

Researcher in Centre of Technologies, University of Plovdiv

EDUCATION AND TRAINING

University of Plovdiv "Paisii Hilendarski", Physics of Condensed Matter (PhD degree), Plovdiv, 2021 - present
 University of Plovdiv "Paisii Hilendarski", Physics of Condensed Matter (Masters), Plovdiv 2018-2019
 University of Plovdiv "Paisii Hilendarski", Engineering Physics (Bachelor), Plovdiv 2014-2018
 High School of Mathematics "Acad. Kiril Popov", Plovdiv 2009-2014

PERSONAL SKILLS

Mother tongue(s) Bulgarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER
German	BASIC USER	BASIC USER	BASIC USER	BASIC USER	BASIC USER

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- capable to work in groups with other researchers easy going; adaptable; executive

Organisational / managerial skills

- good communication skills gained through my experience as conference organizer

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER	Basic user	Basic user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificates

- good command of office packet and scientific softwares and laboratory equipment

ADDITIONAL INFORMATION

Specializations abroad
international collaborations

Szent István University of Budapest, Budapest, Erasmus Exchange program, 29.01.2017-31.05.2017
Çanakkale Onsekiz Mart Üniversitesi, Çanakkale, Erasmus Training Program, 01.08.2019-31.07.2020

Scientific interests

- Biopolymers and their application as new materials in the fields of medicine and pharmacy;
- Micro- and nanoparticles on the base of biodegradable materials;
- Polymeric vesicles for sustained and prolonged drug release

Projects

DN18/11 Title: Nonlinear interaction and polarization effects on ultra-short laser pulses in dielectric medium, 2017-2019, Project coordinator: Prof. D.Sc. L. Kovachev

FP17-FF-010 Title: A complex approach to exploring the physical and engineering aspects of eco-technologies, 2017-2018, Project coordinator: Assoc. Prof. Dragomir Gospodinov

SP19-FtF-001 Title: Biopolyelectrolyte nanoparticles for immobilized and controlled release of curcumin, 2019-2020, Project coordinator: Assoc. Prof. Maria Marudova

KP06-N38/3 Title: Novel micro- and nanostructured polyelectrolyte-based drug delivery systems for buccal administration

MU21-FtF-003 Title: Nano- and micro-sized polymer structures as vesicles for biologically active substances

Conferences

International School on Nuclear Methods for Environmental and Life Sciences, Budva, Montenegro, 2018

10th Jubilee International Conference of the Balkan Physical Union, Sofia, Bulgaria, 2018

20th International School on Quantum Electronics "Laser Physics and Application – ICSQE 2018", Nessebar, Bulgaria, 2018

VIIth National Student Scientific Conference on Physics and Engineering Technologies, Plovdiv, Bulgaria, 2018

Honours and awards

Second place in scientific competition "The best poster", VII National Student Scientific Conference on Physics and Engineering Technologies, Plovdiv, 2018

Certifications

Certificates for participation:

International School on Nuclear Methods for Environmental and Life Sciences, Budva, Montenegro, 2018

10th Jubilee International Conference of the Balkan Physical Union, Sofia, Bulgaria, 2018

20th International School on Quantum Electronics "Laser Physics and Application – ICSQE 2018", Nessebar, Bulgaria, 2018

VIth National Student Scientific Conference on Physics and Engineering Technologies, Plovdiv, Bulgaria, 2018

8th International Conference of FMNS (FMNS-2021) "Modern Trends in Science", Blagoevgrad, Bulgaria, 2019

21st International School on Condensed Matter Physics, Varna, Bulgaria, 2020

2nd Bucharest Polymer Conference, Bucharest, Romania, 2021

9th International Conference of FMNS (FMNS-2021) "Modern Trends in Science", Blagoevgrad, Bulgaria, 2021

Certificates for organizing conferences :

International Conference "Express Yourself", Plovdiv, Bulgaria, 2016

Vth National Student Scientific Conference on Physics and Engineering Technologies, Plovdiv, Bulgaria, 2016

VIth National Student Scientific Conference on Physics and Engineering Technologies, Plovdiv, Bulgaria, 2017

VIIth National Student Scientific Conference on Physics and Engineering Technologies, Plovdiv, Bulgaria, 2018

Publicity	H-Index (Indexed by Scopus or Web of Science)	1
	Publications at Web of Science https://publons.com/researcher/3106897/sofia-milenkova/	
	Publications at Scopus https://www.scopus.com/authid/detail.uri?authorId=57008274400	
	Total number of articles	10
	Of them having Impact Factor or Impact Rang	7
	Total number of Research Papers in the last 5 years	9
	Of them having Impact Factor or Impact Rang	6
	Total Number of Cited Research Papers	3
	Total Number of Cited Researcher Papers in the last 5 years	3