




PERSONAL INFORMATION



Svetlana Codreanu

-  11/2 Gh. Asachi str. ap.30, 2009 Chişinău, Republic of Moldova
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Date of birth 07/07/1967 | Nationality: Republic of Moldova

WORK EXPERIENCE

January 2019 – Present

Director

Institute of Microbiology and Biotechnology, 1 Academy Str., Chisinau 2028, Republic of Moldova, www.imb.asm.md

- Management and scientific coordination of the research institute, coordination of 89 staff, administrative and budget issues.

January 2014 – January 2019

Senior Research Fellow, Associate Professor

Laboratory of Ficobiotechnology, Institute of Microbiology and Biotechnology , 1 Academy Str., Chisinau 2028, Republic of Moldova, www.imb.asm.md

- Coordination of a scientific group, including research projects

January 2015- Present

Teacher

National Lyceum “Aristotel”, 1 Sprîncenoaia Str. , Chişinău 2028, Republic of Moldova, <http://liceu.asm.md/>

- Biology teaching

December 2005-September 2007

Deputy-director

Institute of Microbiology and Biotechnology of the Academy of Sciences of Republic of Moldova, 1 Academia Str., Chisinau 2028, Republic of Moldova, www.imb.asm.md

- Management and scientific coordination of the institute, including scientific projects, coordination of 89 staff, administrative and budget issues.

October 2003- September 2007

Director

National Collection of Nonpathogenic Microorganisms , Academy of Sciences of Moldova, 1 Academy Str., Chisinau 2028, Republic of Moldova

- Management of the National Collection, including scientific projects, coordination of 14 staff, administrative and budget issues.

September 2003-September 2007

Teacher

„Gh. Asachi” Lyceum , 64 Bucureşti str., mun. Chişinău, www.asachi.md

- Biology teaching (in French) in bilingual classes

September 1993-September 2007

Scientific Researcher

Laboratory of Fotomicrobiology, Institute of Microbiology of the Academy of Sciences of Moldova, 1 Academy Str., Chisinau 2028

- Scientific research in the field of microbiology and biotechnology

EDUCATION AND TRAINING

- 1989-1993 **Doctoral degree (PhD) in Microbiology** , Thesis “Directed Synthesis of Cyanocobalamine and Porphyrines by Propionibacterium”
Moldova State University, Chisinau, Republic of Moldova
- Microbiology, Biotechnology
- 1984-1989 **Bachelors of Science in Biology**
Moldova State University, Chisinau, Republic of Moldova
- Biology, Chemistry
- July 2006 **Trainee Scheme Certificate**
Centre International d’Etudes Pédagogiques, Sèvres, France
- Pedagogy, Biology, French
- January – March 2000 **Trainee Scheme Certificate**
Department of Bioethics, Council of Europe, Strasbourg

PERSONAL SKILLS

Mother tongue(s)

Româna

Other language(s)

Français

Русский

English

International collaboration, skills, Memberships

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C1	C2	C1
C2	C2	C2	C2	C1
C1	C1	B2	B2	C1

- Member of the Configuration “Climate action, environment, resource efficiency and raw materials”” of the Horizon 2020 Programme Committee (2018-present)
- Member of the Configuration “Food security, sustainable agriculture and forestry, marine, maritime and inland water research, and the bioeconomy” of the Horizon 2020 Programme Committee (2018-present)
- Official Representative of the Republic of Moldova nominated to the HORIZON 2020 Research Infrastructure Programme Committee (2014-2018)
- FEMS Delegate (2015-present)
- Evaluator of scientific projects and research institutions (2001-2007, 2014-present)
- Assistant of the FP-6 National Information Point in Moldova (2004-2007)
- Alternate member from Moldova to the Steering Committee on Bioethics, Council of Europe (2001 – 2002)
- About 100 scientific articles and papers, including 15 Patents, in Biotechnology and Microbiology
- WIPO Prize and Gold Medal, Brussels 1998
- Gold Medal “Henry Coanda”, Romanian Inventions Society
- Honorary Title “Elite Inventor of Romania” and “Elite Inventor R. of Moldova”

Publications, award

Selective list of publications:

1. Biological Methods of Wastewater Treatment, chapter in Cyanobacteria for Bioremediation of Wastewaters, Springer , 2016
2. Valorization of microalgal biomass, Journal of Bacteriology & Parasitology, 2017
3. Method of cultivation of microalga *Dunaliella salina*. Patent of invention MD 4598. 2018-08-24.
4. Method of spirulina biomass drying. Patent demand letter a 2018 0064. 2018-10-05.
5. Modification of iron reducing power in spirulina biomass in response to induced stress// *Microbial Biotechnology*, 2018, Chisinau, p. 86.
6. Monitoring of the adaptive capacity of different age spirulina to oxidative stress induced by hypothermia in the presence of chemical stimulators under laboratory conditions. // *Microbial Biotechnology*, 2018, Chisinau, 89-90.