

## PERSONAL INFORMATION



## SIRMAN DENIS YURIEVICH

📍 Republic of Kazakhstan, Karaganda, st. Universitetskaya, 28/2, Karaganda  
Buketov University



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| Date of Birth: 1976/11/22

### PLACE OF WORK, POSITION

Karaganda University named after academician E. A. Buketov,  
Lecturer, Department of Botany

### SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

Master's degree of Biological Sciences

### WORK EXPERIENCE

#### Place and date

- **1999-2002** – Teacher of Biology and Valeology at Secondary School No. 14 in Abay city
- **2002-2003** – Teacher of Biology and Valeology at Secondary School No. 48 in Karaganda city
- **2003-2006** – Teacher of Biology at Gymnasium School No. 97 in Karaganda city.
- **2006-2008** – Analyst, Kenzher-Karaganda LLP
- **2008-2010** – Manager of production shop of chalk products of Kenzher-Karaganda LLP
- **2011-2012** – Director of Tonysh-Karaganda LLP
- **2012-2014** – Gardener of Karaganda Buketov State University
- **2015 -2017** – Laboratory technician of the Laboratory of Ecological and Genetic Research of "Biotechnological Park" of Karaganda E.A.Buketov State University.
- Since 2017** – Lecturer of the Botany Department of Karaganda E.A.Buketov State University

### EDUCATION AND PROFESSIONAL TRAINING

#### Education

- **1995-1999** – Karaganda State University named after Academician E.A. Buketov, Faculty of Biology and Geography, specialization "Biology", qualification - Biologist. Biology teacher
- **2002-2004** – Karaganda State University named after Academician E.A. Buketov, specialty "Biology", qualification - Master of Biology (with honors)
- **2015-2019** – Full-time postgraduate study at Altai State University (Barnaul city)

#### Internships, research trips Professional trainings, Scientific trips

- February 15 to 18, 2015** – Advanced training course "Modern Equipment for Scientific Laboratories" (No.0034002 DistribLAB LLP)
- April 10 to 12, 2017** – Advanced training courses "Methods of Flow Cytometry"

(№261483 South Siberian Botanical Garden, April 12, 2017.

## PERSONAL QUALITIES

### Native language

	Russian		SPEAKING		WRITING
	UNDERSTANDING		Oral speech		
	Hearing	Reading			
Kazakh	B2	B2	C2	C2	B2
<b>Availability of a Language Certificate: no</b>					
English	B2	B1	C1	C1	C1

**Computer skills** User: Microsoft Office (Word, Excel, Power Point), CorelDraw graphic editor, SketchUp, Movavi video editors, PRO100 engineering design program

### Other skills (hobbies)

Modeling, gardening and floriculture, debating, legal studies, carpentry

## ADDITIONAL INFORMATION

### Main publications

1. Sirman D.Y. Seed Germination of Coniferous Introduced Species in the Environment of Central Kazakhstan with Various Stratification and Inclusion of Needle Litter into Substrate. *Lesnoy Zhurnal (Forestry Journal)* 1 (391), 100-115 2023. (DOI: 10.37482/0536-1036-2023-1-100-115)
2. Arystan L.B., Kamsayeva T.Kh., Tleukenova S.U., Sirman D.Yu., Nurkenova A.T. Effects of carbohydrate content in seeds on the germination and viability after cryopreservation // *Вестник Карагандинского университета - Серия «Биология. Медицина. География»*. № 1(101)/2021 – С,6-13.
3. Konkabayeva A., Tykezhanova G., Pudov A. M., Sirman D.Yu. Infusion of beta vulgaris seeds: protective action in experiment in vivo // *EurAsian Journal of BioSciences* 14, 323-328 (2020)
4. Zkiren G.K, Denis Sirman, Dodonova A.Sh. Receiving of aseptic seedlings and explants of *Thuja occidentalis* L.in conditions in vitro. // *Вестник Евразийского национального университета имени Л.Н. Гумилева. Серия Биологические науки* - №3(124) – 2018 – С.97 - 103 (DOI: 10.32523/2616-7034-2018-124-3-97-103)
5. Сирман Д.Ю. Влияние длительности стратификации и активации перманганатом калия на прорастание семян некоторых видов хвойных древесных растений // *Вестник Карагандинского государственного университета им.Е.А.Букедова* – 2017 - №2(86) – С.89-96
6. Konkabayeva A., Ishmuratova M., Tleukenova S., Sirman D., Nurlibaeva K., Mukasheva G., Eleupaeva S. Influences of salts of copper on growth and development of some monocotyledonous and dicotyledonous plants in laboratorial conditions // *Research Journal of Pharmaceutical, Biological and ChemicalSciences* 7(5), 463 – 471 (2016)

### Participation in the implementation of scientific projects

Technical executor on the project 4PSF MSH/19 "Mycorrhizal macromycetes of main forest forming species of Central and North-Eastern Kazakhstan" on program-targeted financing of Agriculture Ministry.

Technical executor on the project 18PSF MH/21 "New biologically active secondary metabolites of mushrooms - target funding of the Ministry of Health of RK. (project has not been finalized by decision of the Commission of the Ministry of Health of RK)

### Membership in professional scientific

Since 2019 – Member of the Russian Society of Selection and Introduction of Coniferous Plants

**organizations**

**Awards and titles** No

**Courses**

1. Botany
2. Biotechnological Engineering
3. Agricultural Ecology
4. Soil Science
5. Plant Physiology

**Professional and scientific interests**

- Introduction and acclimatization of coniferous plants
- Physiological adaptation
- Composting and utilization of industrial wastes

**SCIENTIFIC  
DATABASES  
IDENTIFIERS**

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RSCI Identifier: 1494-6920  
Author ID Scopus: