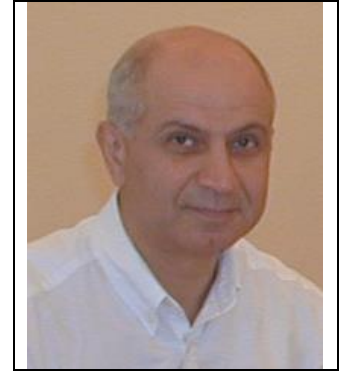




# National Academy of Sciences of Georgia



## Personal Data (CV)

<b>Surname</b>	Korakhashvili	<b>Name</b>	Avtandil (Bidzina)
<b>Address (work, home)</b>	13 km., Agmashenebeli alley, AUG, Tbilisi, 0151, Georgia(w), Dighomi-7/31, Tbilisi, 0151, Georgia (h)	<b>Data and place of berth</b>	24.09.1949, Tbilisi
<b>Citizenship</b>	Georgia	<b>Telephones</b>	+955 577 40 6751, +995 599 22 6751
<b>E-mail</b>	<a href="mailto:a.korakhashvili@agruni.edu.ge">a.korakhashvili@agruni.edu.ge</a> / <a href="mailto:akorakhashvili@yahoo.com">akorakhashvili@yahoo.com</a>	<b>Skype</b>	Korokha

### 3. Education

Education	Institution	Time of study
Secondary	Tbilisi 57 public school	1956-1966
Higher	Agricultural Institute of Georgia	1966-1971
Postgraduate ship, work for doctor's thesis	Agrarian State University of Georgia	1979-1984; 1985-1994

### 4. Knowledge of Languages

Foreign languages	Level of mastery (free, medium, with help of dictionary)
English	Free
Russian	Free

### 5. Scientific or Academic Degree and Rank

	თემის დასახელება Powered by name	მინიჭების თარიღი
Candidates Dissertation	Selection of Crop Rotations for Alazani Valley	1984
Doctoral Dissertation	Agro technology for Biological Nitrogen Fixation	1994
Professor	Forage Production	1995
Corresponding Member of the Academy	Agro Technology	2009
Member of the Academy, Academician	Agro Technology	2013

## 6. Work Experience

Data	Institution	Position
1973-1975	Tbilisi Base Nursery Farm	Head of Division
1975-1979	Ministry of Milk and Meat Industry of Georgia	Senior Agro Technologist
1979- today	Agrarian State University of Georgia	lab assistant, Docent, Professor, Head of Chair, Full Professor

### 6.1 Teaching Activity

Data	Institution	Position
since 1980	Agrarian State University of Georgia	Assistant, Docent, Professor
1992-1994	US College at the Academy of Sciences of Georgia	Professor
since 2005	Institute of Public Affairs of Georgia (GIPA)	Invited Professor
since 2011	Tbilisi State University	Invited Professor

### 6.2. Work Abroad

Form of work	Data	Place and Institution
<b>Delivering a lecture course at a foreign higher educational institution</b>	1998	University of Mosonmagyaróvár, Hungary
	1991	University of Osaka, Japan
	1993	University of Georgia, USA
	2006, 2008	University of Maryland, USA
	2016	Ludong University, China
	2018	Shandong University, China
<b>Long-term mission to research institutions</b>	1987	Agricultural Academy of Sankt-Petersburg, Russia
	1996	Scientific Institute of Food, Giza, Egypt
	1999	ICARDA, Aleppo, Syria
	2000	University of Crete, Greece
	2004	Institute of Food, Brisbane, Australia
	2005	Forage Production Institute, Elvas, Portugal
	2006	IISC Center, Jerusalem, Israel
	2010	EFITA, Montpellier, France
	2015	AASSA, Halle, Germany
	2016	Overseas Exchange, Shandong, China
2018	Yantai Technological Park, China	

## 7. Spare of Scientific Interests

<p>Major emphasis has been on teaching of nature and biodiversity conservation, establishment, growing, management, monitoring, processing and utilization of agricultural crops for Food Security and Food Safety in value chain systems and conditions. Since originally discovering annual and perennial crops species, varieties and their breeding, much research has centered on the growing, processing and marketing of these crops. Food security and safety, agro technological research of main crops of Georgia has been important throughout the years as a country responsible coordinator of CGIAR Institutions: IPGRI, ILRI and ICARDA. All of this has culminated as a member of European Federation of Information Technologies in Agriculture (EFITA) and ECP/GR, in the recent publications on Sustainable agriculture, Food Security and Safety, Nano and Biotechnologies, Preservation of Environment, Expertise in General Agriculture for Extension Services.</p>
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## 8. Publications (Total number, Point out the Citation Index (*number*))

### 8.1 Monographs

Years	
1977-2013	More than 200 publication 30+ countries like: Hungary, Portugal, Switzerland, Jordan, Russia, Syria, Uzbekistan, Armenia, Azerbaijan, Turkmenistan, Serbia, Thailand, Germany, Czech Republic, Slovakia, Russia, Austria, Macedonia, France, Poland,

Ukraine, Israel, Italy, UK, Spain, India, USA, Japan, Indonesia, etc.; 17 textbooks (3 in cooperation), 8 instructions, 4 monographs, 103 agricultural journal articles, 2 patents, author of 11 inventions (all in cooperation), 4 new adapted laws and 3 National Agricultural Strategy and Development Conception of Georgia, 53 popular articles in magazines, 68 articles in agricultural experiment bulletins, 1 Methodology of Risks and Insurance of Georgia Agriculture, English-Russian-Georgian Glossary of Forage Production, Georgian-English-Russian-German-French-Spanish Agrarian Dictionary, co-author of a computer program, as well as numerous publications in electronic and printed media.

## 8.2 Principal Papers (not more than 60)

1. Кормопроизводство на засоленных землях, (1979), ж. "Мясное и молочное скотоводство", #4, "Колос", Москва, Россия, ст. 36-39;
2. Травосмеси на засоленных почвах,(1980), ж. "Кормопроизводство", #2, "Колос", Москва, Россия, ст. 11-16;
3. მდელიოსაკვებწარმოება (მეთოდური მითითება),(1984), საუ, თბილისი, 48 გვ.
4. სვანეთის მაღალმთისა და ნატყევიანი მდელოების ეკოლოგია, (1986, თანავტორობით) თბილისი, „განათლება“, 152 გვ.
5. საკვებწარმოება პროგრამირების ელემენტებით (მეთოდური მითითება), (1989), საუ, თბილისი, 54 გვ.
6. Урожайность и питательность новых кормовых культур в предгорной зоне Восточной Грузии (1989), Тезисы докладов 5-го Всесоюз. научно-производственного семинара. Орджоникидзе, Россия, ст. 33-36;
7. საკვებწარმოება ოპტიმიზაციის ელემენტებით (მეთოდური მითითება), (1989), საუ, თბილისი, 48 გვ.
8. Simulation Modelling of Nitrogen Fixation with Legumes, (1990), Georgicon Scientific Conference, Kesztheli, Hungary, pp. 212-218;
9. საკვების ხარისხის შეფასების თანამედროვე მეთოდები (დამხმარე სახელმძღვანელო),(1991), საუ, თბილისი, 162 გვ.
10. Biological Nitrogen in Forage Crop Rotation, (1991), Georgicon Scientific Conference, Kesztheli, Hungary, pp. 182-188;
11. English-Russian-Georgian Terminology of Forage Production. (1992), GASU Press, Tbilisi, Georgia, 283 p.
12. საკვებწარმოება მენეჯმენტისა და მარკეტინგის საფუძვლებით (მეთოდური მითითება), სსსი, თბილისი, 1992, 68 გვ.
13. The Water Strategy for the Aral Sea Basin. International Workshop, Jerusalem, Israel, 1996, pp.121-138;
14. Пастбищная люцерна в Грузии (в соавторстве), Сборник научных трудов меж- дународного совещания, Новгород, Россия, 1998, ст. 133-38;
15. Present Condition and Improvement of Georgia Arid Pastures. m."Dryland Pasture, Forage and Range Network News", ICARDA, Aleppo, Syria, 1998. pp. 67-72.
16. Джугара на засоленных почвах Алазанской долины(в соавторстве), Труды 7-ой Международной конференции. Алушта, Украина, 1998, ст. 253-261;
17. Enhancement of Mountain Perennial Legume Grasses Germplasm in Georgia, (1998), m."Herba", Changins, Switzerland, Changis-Nion, FAO, # 11, pp. 63-69.
18. Grass Landraces of Georgian Arid Pastures, (2000), IPGRI Report, Elvas, Portugal, pp.45-49;
19. Grain Legumes Collection and Improvement in Georgia, (2001), IPGRI Report of Working Group on Grain Legumes, Krakow, Poland, pp. 63-68;
20. Annual Management Plan for Farming by Computer program BARMEX, (2001), EFITA Third Conference on Precis Agriculture, Montpellier, France, pp. 87-95;
21. Алтернативная стратегия развития земледелия в Грузии, Международная научная конференция, Ереван, Армения, 2001, ст. 43-51;
22. Возделывание древнейших зеробобовых поновейшим технологиям в Грузии, (в соавторстве), ж. "Зерновое Хозяйство", #3, Москва, Россия, 2002, ст. 36-41;

23. Simulation Modeling of Nodulation by Legumes, (2003), EFITA 4th. Conference, Debrecen, Hungary, pp. 87-95;
24. Measures to Protection and Utilization of Georgia Wild and Naturalized Medicinal and Aromatic Plants (in cooperation), ECP/GR (IPGRI), Skopje, Macedonia, FYR, 2004. pp. 27-33.
25. ევროკავშირის ახალი რეგულაციები გენეტიკურად მოდიფიცირებული ორგანიზმების შესახებ (თანაავტორობით), „თამარიონი“, თბილისი, 2004, 74 გვ.
26. Evaluation of the Agronomic Value of Perennial fodder legumes in Georgia, (2005), Report of Working Group on Forages, IPGRI, Linz, Austria, pp. 124-130.
27. ფერმერთა მცირე ასოციაციების შექმნის პრინციპები, (2005), „სამკალი“, თბილისი, 117 გვ.
28. ეტიკეტირება, (2005), „სამკალი“, თბილისი, 144 გვ.
29. სოფლად თვითდახმარების ჯგუფების შექმნა, (2005), „სამკალი“, თბილისი, 124 გვ.
30. მცირე საწარმოების დაფუძნება და მართვა, (2005), „სამკალი“, თბილისი, 128 გვ.
31. Biodiversity Protection of Medicinal and Aromatic Plants in Georgia (in cooperation), ECP/GR, Olomouc, Czech Republic, 2007, pp. 211-220;
32. Georgian-English-Russian-German-French-Spanish Agrarian Dictionary (Third edition), Tbilisi, Publication House "ELFI", 2007, 1284 p.
33. Medicinal and Aromatic Plants Biodiversity in Georgia (in cooperation), Global Summit (GOSMAP-3), Chiang Mai, THAILAND, 2007, pp.104-111;
34. Improvement of Vicia Germplasm in Georgia (in cooperation), Annals of Agrarian Sciences, Vol. 5, No.4, Armenia, Azerbaijan, Georgia, 2007, pp. 89-96;
35. Catalog of Medicine, Aromatic, Spicy and Poisonous Plants of Georgia (in cooperation), GNAS, Tbilisi, Georgia, "Lega", 2008, pp. 75-84;
36. Legumes Seed Inoculation Advance Technology for Biological Nitrogen Fixation Improvement, Integrating Legume Science and Crop Breeding, (2008), Second Workshop, Novi Sad, Serbia, pp. 172-179;
37. საკვებწარმოება და ცხოველთა კვება (სახელმძღვანელო), თტუ, თბილისი, 2009, 292 გვ.
38. აგრარული რისკები და დაზღვევა, 2009, (სახელმძღვანელო), თტუ, EU/UNDP, თბილისი, 288 გვ.
39. New Technologies for Increasing of Biological Nitrogen Fixation, (2009), Abstracts of Reports of the International Conference, Turkmenistan, Ashgabat, Academy Press, pp. 53-59.
40. მცენარეთა გამრავლება (სახელმძღვანელო), (2009), სტუ, თბილისი, 262 გვ.
41. მემინდვრეობა (სახელმძღვანელო), 2009, სტუ, EU/UNDP, თბილისი, 348 გვ.
42. Legumes Seed Pilling Advance Technology for the Protection of Topsoil Contamination (in cooperation), Bulletin of Georgian National Academy of Sciences, vol., 4, #2, 2010, pp.137-141;
43. Establishment and Upgrading of Pharmacological Genebank of Medical, Aromatic, Spice and Poisonous Plants in Georgia (in cooperation), Bulletin Of Agrarian University of Armenia, #2 (30), 2010, Yerevan, Armenia, pp.165-172;
44. Soybeans, Chickpea and Lentil Biodiversity Protection and Germplasm Improvement in Georgia (in cooperation), 2010, The International Conference on "Protection of Agrobiodiversity and Sustainable Development of Agriculture", Tbilisi, Georgia, pp.201-207;
45. Research of Cinnamonic Calcareous Soil Fertilizing Systems for Pastures of Akhaltsikhe District (in cooperation), Communications in Soil Sciences and Plant Analysis, Taylor and Francis, USA, vol. 42, #7, 2011, pp. 767-786;
46. Ecological Standards of Medical, Aromatic, Spicery and Poisonous Herbs of Georgia (in cooperation), ISSN 1995-0756, 5(2); Petra, Jordan, 2011, pp. 256-266;
47. პრაქტიკული მებოსტნეობა (სახელმძღვანელო), 2012, „ლომთა“, თბილისი, 342 გვ.
48. აგრობიოტექნოლოგია (თანაავტორობით), 2012, „კრეატივ ბუტიკი“, TEMPUS, თბილისი, 149 გვ.
49. აგროტექნოლოგიური ნორმატივების ცნობარი (თანაავტორობით), 2012, „ლომთა“, თბილისი, 218 გვ.
50. საქართველოს სოფლის მეურნეობის მდგრადობა და პერსპექტივები (2013), ჟ." მეცნიერება და კულტურა", №2, თბილისი, გვ.23-28
51. Developed Agriculture as the Guarantee of Independence (2013), Annals of Agrarian Sciences, v.11, #1, 8-12, Tbilisi, Georgia, pp.31-37.
52. ტოპინმზესუმზირას ნიადაგის ზედაპირზე მოყვანის ტექნოლოგია (2013), საქ. ს.მ.

მეცნიერებათა აკადემიის მაცნე, თბილისი, № 2, გვ.37-41

53. Increasing of Biological Nitrogen Fixation by Legumes Seed Pelleting (2014), The International Conference, Alma-Ati, Kazakhstan, pp. 56-59
54. Regeneration and Conservation of Chickpea Genetic Resources of Georgia (2014), International Conference on Enhanced, Genepool Utilization, Cambridge, United Kingdom, pp.43-44.
55. Enhancement of Pecan Tree Germplasm in Georgia (2014), The International Conference, Uzbekistan, Tashkent, pp. 23-25
56. Morfological and Seed Biochemical Characteristics of Bean Of Collection Samples (2015), News of The Academy of Sciences of Kazakhstan, vol.,3, #209, pp.33-41
57. Agrarian Nanotechnologies (2015), (Textbook), "Nauchlitizdat", Moscow, Russia, 179 p.
58. ვეპოვას შენახვა და გადამუშავება, (2016), ჟურნალი "აგრობაზისი", #4, 28-36 გვ.
59. Seed registration, development and certification (2016), in Enabling the Business of Agriculture 2016, WB/EBRD, Washington, USA, pp. 126-131
60. Chickpea Wild Relatives and Landraces of Georgia (2016), CABI Oxfordshire-Boston, UK-USA, pp. 210-221.
61. Chickpea Genetic Resources Regeneration and Safety Duplication in Georgia (2016), Universal Journal of Agricultural Research, USA, Vol. 4(3), pp. 67-70
62. Food Safety Hazards in Georgian Tushuri Guda Cheese, (2016), Agrarian Annals, vol. 32, Annals of Agrarian Science, pp.24-36 (in cooperation).
63. თესლის სერტიფიცირების სისტემის რესტავრაცია საქართველოში (2016), ჟ. ეკონომიკური პოლიტიკის და უსაფრთხოების საკითხები, თბილისი, გვ. 46-51.
64. The Technology of Tushuretian Cheese making and EU Food Safety Regulations (2016), Moambe of National Academy of Sciences of Georgia, Tbilisi, Georgia, pp. 33-42. (in cooperation).
65. აგროტექნოლოგიური ნორმატივები, (2016, 2017), Swiss Corporation Office & UNDP-ის გამოცემა, თბილისი, 204 გვ.
66. Adaptation of Food Safety Communication Systems RASFF and INFOSAN in Georgian Cheese Production (2017), AASSA-INSA-NISCAR, New Delhi, India, pp. 20-29. (in cooperation).
67. სათიბ-სადოვრები ორგანულ სოფლის მეურნეობაში (2017), წიგნში "ორგანული სოფლის მეურნეობა", თბილისი, "ელკანა", გვ.238-260.
68. Technologies for Obtaining Nitrogen Fertilizers Prolonged Effect in Wheat, Annals of Agrarian Science, Elsevier, xxx (2018) 1 e 5 (in cooperation), pp. 48-53
69. საკვებწარმოება/Forage production (2018), Auxiliary textbook for vocational education, NCPE, Tbilisi, Georgia, 168 გვ.
70. Effective Innovation Technology of Seed Pilling for Legumes (2018), AASSA Workshop, Jakarta, Indonesia, pp. (in cooperation).
71. Catalog of aromatic, Spiciness and Poisonous Plants of Georgia (2018), "Litnauchtechizdat", Moscow, Russia, 80 p. (in cooperation).
72. Endemic and Released Legume Crops Sustainable Production in Georgia (2018), Lam LAMBERT, Germany. 55 p. (in cooperation).
73. The study of Biodiversity of Thirty Two Families of Useful Plants Existed in Georgia, (2018), World Academy of Sciences, International Journal, Vol: 12, No: 10, Tokyo, Japan, pp.377-380. (in cooperation).

### 8.3 Textbooks, Manuals, and other Methodological Literature and Training applications

Years	
1989-2012	13 Textbooks (3 of them in cooperation)
1999-2010	6 Supplement Textbooks
1984-2012	8 Methodical instructions (2 of them in cooperation)
1993-2013	4 Monographs

### 8.4 Electronic Publications

Years	Title	Address of Source
2004	Propagation of Pecan Orchard (in cooperation)	Agro info, Georgia
2007	Pistachio in Georgia	Agro info, Georgia
2009	History of Soybeans and Soy foods in Central Asia and Caucasus	books.google.ge/books ISBN-1928914179

2012	Grain Legumes of Georgia	World Germplasm, Sweden
2018	Forage production, Auxiliary textbook for vocational education	NCPE, Tbilisi, Georgia
2018	Endemic and Released Legume Crops Sustainable Production in Georgia	Lam LAMBERT, Germany

### 8.5 Participation in Scientific Symposiums, Conferences... (in the last 15 years)

Years	Title	Name of Event
2018	Effective Innovation Technology of Seed Pilling for Legumes	AASSA Intercommunication Systems, Jakarta, Indonesia
2018	The study of Biodiversity of Thirty Two Families of Useful Plants Existed in Georgia	World Academy of Sciences, Tokyo, Japan
2016	Adaptation of Food Safety Communication Systems RASFF and INFOSAN in Georgia	AASSA-INSAN-NISCAR Communicational Strategies workshop
2014	Increasing of Biological Nitrogen Fixation by Legumes Seed Pilling	The International Conference, Alma-Ati, Kazakhstan
2014	Regeneration and Conservation of Chickpea Genetic Resources of Georgia	International Conference on Enhanced GenePool Utilization, Cambridge, United Kingdom
2014	Enhancement of Pecan Tree Germplasm in Georgia	The International Conference, Tashkent, Uzbekistan
2014	Drought Resistant New Varieties of Pecan Trees	International Conference on Food and Biotechnology, ICFB, Tbilisi, Georgia
2011	Results of Researches of Chickpea and Lentil Nursery	International Conference "Biodiversity and Biotechnology", Georgia
2011	Protection of Chickpea Biodiversity and Germplasm Regeneration in Georgia	International Conference "Biodiversity and Biotechnology", Georgia
2010	Ecological Standards of Aromatic, Spice and Poisonous Plants of Georgia	Second International Symposium of Herbs, Jordan
2010	Improvement of Perennial Grasslands by Phosphorous Fertilizers	International Conference – Biodiversity Protection and Sustainable Development, Georgia
2010	New Technologies for Increasing of Biological Nitrogen Fixation	International Symposium in Nanotechnologies, Turkmenistan
2009	Nanotechnologies for the Production of Safety Food and Forages	International Conference "Issues of Food Safety", Georgia
2008	Advance Technologies for Biological Nitrogen Fixation	International Conference, Georgia
2008	Creation of Genetic Resources banks of Aromatic, Spice and Poisonous Plants of Georgia	International Conference, Georgia
2007	Biodiversity of Herbs and Aromatic Plants of Georgia	Global Summit GOSMAP-3, Thailand
2005	Evolution of the Agronomic Value of Grain Legumes	IPGRI Conference, Austria
2004	Measures to Protection and Utilization of Georgia Wild and Naturalized Medicinal an Aromatic Plants	ECP/GR-IPGRI Conference, FYR, Macedonia
2003	Simulation Modeling of Nodulation by Legumes	EFITA 4 <sup>th</sup> Conference, Hungary

### 9. Organizational Work (Holding Congresses and Conferences, Editorial Work)

Years	Name
2017	Ecological Systems and Tools, Scientific Board Member (National Academy of Sciences of Russia)
2016	AASSA Special Committee on SHARE Communication, Country Official Representative
2006-2015	Rustaveli National Scientific Fund, Member of Scientific Council
2013	National Academy of Sciences of Georgia, Member of Editorial Board
2012	Electronic magazine "Georgian Politics", Member of Editorial Board
2001-2012	Participant of 5 Projects, Supported by USAID in Georgia
2001	Annals of Agricultural Sciences at Elsevier, Member of Editorial Board
1999	Representative of CGIAR and EFITA 3 Working groups in Georgia

1999	Member of 7 International Conferences and Symposiums Committees
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### 10. Inventions (Autores Certificate, Patentes)

Years	Name
1990-1996	2 Patents (1 in cooperation)
1999-2016	15 Inventions (10 in cooperation)

### 11. International and Local Scientific grants

Years	Name
2016-2017	Publication Issues, UNDP & Swiss Corporation Office project
2011-2014	Magister Programs in Applied Biotechnologies, TEMPUS project
2012-2013	Economic Prosperity Initiative, USAID/Deloitte project
2011	Regeneration of Legumes in Georgia, EU project
2009-2011	Creation of Professional Education Standards, UNDP project
2006-2008	Rehabilitation of Field Experiences in ASUG, USDA project
2007	Curricula Development at ASUG, USDA project
2006-2007	Accreditation Systems Development in 5 State Universities of Georgia, TEMPUS-TACIS project
2005	Labeling in Accordance with WTO Requirements, WL-USAID project
2004	Aragvi Valley Rehabilitation, fund "Horizon" project
2003-2005	Publication Issues, DAI-USAID project
2001-2003	Rehabilitation of Grain Legumes in Georgia, WB project

### 12. Scientific-Commercial Activity, Realized Projects

Years	Name
1999-2001	Rehabilitation of Grain Legumes in Georgia, WB project
2004-2005	Aragvi Valley Rehabilitation, fund "Horizon" project
2005-2007	Publication of Agrarian Dictionary in 6 Languages, USAID and USDA projects (Three editions)

### 13. Other Activities

	Name	Years
<b>Supervision of Theses and Masters work</b>	Supervisor of 34 PhD and Dr. Se, as well as 17 Magister	1984-2013

### 14. Awards and Prizes, Honorary Title

Data	Name of Awards, Prizes, Honorary Title
1967	Golden medal of secondary school, Georgia
1979	Silver medal of Leader in Food Industry of USSR
1995	Golden Medal of Confucius from UNESCO
1999	Order of Honor of Georgia
2005	Medal of HACCP of Malaysia
2010	"Engineer of Year" of Georgia

### 15. Family Status

Family: Spouse, daughter and son
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