



# 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>	+995 032 222 67 51, +9555 77 40 6751
<b>E-mail</b>	a.korakhashvili@agrni.edu.ge	<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)
Russian	Free
English	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	Fixation of Biological Nitrogen in Crop Rotations	1994
Academician Doctor	Forage Production	1995
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 University of Georgia	lab assistant, Docent, Professor, Head of Chair, Full Professor

### 6.1 Teaching Activity

Data	Institution	Position
since 1980	Agrarian University of Georgia	Assistant, Docent, Professor
1992-1994	US College at Academy of Sciences of Georgia	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
<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

## 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 of Georgia. 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. 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, 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	<p>More than 200 publication in more than 20 countries like: Hungary, Portugal, Switzerland, Jordan, Syria, Uzbekistan, Armenia, Azerbaijan, Turkmenistan, Serbia, Thailand, Czech Republic, Slovakia, Russia, Austria, Macedonia, France, Poland, Ukraine, USA, Israel, etc; 14 textbooks (3 in cooperation), 8 instructions, 4 monographs, 87 agricultural journal articles, 2 patents, co-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.</p>

## 8.2 Principal Papers (not more than 50)

Years	
1979-2012	<ol style="list-style-type: none"> <li>1. Кормопроизводство на засоленных землях, (1979), ж."Мясное и молочное скотоводство", #4, "Колос", Москва, Россия, ст. 36-39;</li> <li>2. Травосмеси на засоленных почвах,( 1980), ж. "Кормопроизводство", #2, "Колос", Москва, Россия, ст. 11-16;</li> <li>3. მდელიოსაკვებწარმოება (მეთოდური მითითება), საუ, თბილისი, (1984), 48 გვ.</li> <li>4. სვანეთის მაღალმთისა და ნატყევიარი მდელიოების ეკოლოგია, (თანაკტორობით) თბილისი, „განათლება“, 152 გვ.</li> <li>5. საკვებწარმოება პროგრამირების ელემენტებით (მეთოდური მითითება),(1989), საუ, თბილისი, 54 გვ.</li> <li>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;</li> <li>7. საკვებწარმოება ოპტიმიზაციის ელემენტებით (მეთოდური მითითება), (1989), საუ, თბილისი, 48 გვ.</li> <li>8. Simulation Modelling of Nitrogen Fixation with Legumes, (1990), Georgicon Scientific Conference, Kesztheli, Hungary, pp. 212-218;</li> <li>9. საკვების ხარისხის შეფასების თანამედროვე მეთოდები (დამხმარე სახელმძღვანელო),(1991), საუ, თბილისი, 162 გვ.</li> <li>10. Biological Nitrogen in Forage Crop Rotation, (1991), Georgicon Scientific Conference, Kesztheli, Hungary, pp. 182-188;</li> <li>11. English-Russian-Georgian Terminology of Forage Production. (1992), GASU Press, Tbilisi, Georgia, 283 p.</li> <li>12. საკვებწარმოება მენეჯმენტისა და მარკეტინგის საფუძვლებით (მეთოდური მითითება), სსსი, თბილისი, 1992, 68 გვ.</li> <li>13. The Water Strategy for the Aral Sea Basin. International Workshop, Jerusalem, Israel, 1996, pp.121-138;</li> <li>14. Пастбищная люцерна в Грузии (в соавторстве), Сборник научных трудов меж- дународного совещания, Новгород, Россия, 1998, ст. 133-38;</li> <li>15. Present Condition and Improvement of Georgia Arid Pastures. m."Dryland Pasture, Forage and Range Network News", ICARDA, Aleppo, Syria, 1998. pp. 67-72.</li> <li>16. Джугара на засоленных почвах Алазанской долины(в соавторстве), Труды 7-ой Международной конференции. Алушта, Украина, 1998, ст. 253-261;</li> <li>17. Enhancement of Mountain Perennial Legume Grasses Germplasm in Georgia, (1998), m."Herba", Changins, Switzerland, Changis-Nion, FAO, # 11, pp. 63-69.</li> <li>18. Grass Landraces of Georgian Arid Pastures, (2000), IPGRI Report, Elvas, Portugal, pp.45-49;</li> <li>19. Grain Legumes Collection and Improvement in Georgia, (2001), IPGRI Report of Working Group on Grain Legumes, Krakow, Poland, pp. 63-68;</li> <li>20. Annual Management Plan for Farming by Computer program BARMEX, (2001), EFITA Third Conference on Precis Agriculture, Montpellier,</li> </ol>

	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.	რისკები და გარანტიები საქართველოს სოფლის მეურნეობაში, (2005), „სამკალი“, თბილისი, 186 გვ.
28.	ფერმერთა მცირე ასოციაციების შექმნის პრინციპები, (2005), „სამკალი“, თბილისი, 117 გვ.
29.	ეტიკეტირება, (2005), „სამკალი“, თბილისი, 144 გვ.
30.	სოფლად თვითდახმარების ჯგუფების შექმნა, (2005), „სამკალი“, თბილისი, 124 გვ.
31.	მცირე საწარმოების დაფუძნება და მართვა, (2005), „სამკალი“, თბილისი, 128 გვ.
32.	Biodiversity Protection of Medicinal and Aromatic Plants in Georgia (in cooperation), ECP/GR, Olomouc, Czech Republic, 2007, pp. 211-220;
33.	Georgian-English-Russian-German-French-Spanish Agrarian Dictionary (Third edition), Tbilisi, Publication House "ELFI", 2007, 1284 p.
34.	Medicinal and Aromatic Plants Biodiversity in Georgia (in cooperation), Global Summit (GOSMAP-3), Chiang Mai, THAILAND, 2007, pp.104-111;
35.	Improvement of Vicia Germplasm in Georgia (in cooperation), Annals of Agrarian Sciences, Vol. 5, No.4, Armenia, Azerbaijan, Georgia, 2007, pp. 89-96;
36.	Catalog of Medicine, Aromatic, Spicy and Poisonues Plants of Georgia (in cooperation), GNAS, Tbilisi, Georgia, "Lega", 2008, pp. 75-84;
37.	Legumes Seed Inoculation Advance Technology for Biological Nitrogen Fixation Improvement, Integrating Legume Science and Crop Breeding, Second Workshop, Novi Sad, Serbia, 2008, pp. 172-179;
38.	საკვებწარმოება და ცხოველთა კვება (სახელმძღვანელო), თბუ, თბილისი, 2009, 292 გვ.
39.	აგრარული რისკები და დაზღვევა (სახელმძღვანელო), თბუ, EU/UNDP, თბილისი, 2009, 288 გვ.
40.	New Technologies for Increasing of Biological Nitrogen Fixation, (2009),

	Abstracts of Reports of the International Conference, Turkmenistan, Ashgabat, Academy Press, pp. 53-59.
41.	მცენარეთა გამრავლება (სახელმძღვანელო), (2009), თტუ, თბილისი, 262 გვ.
42.	მემინდვრობა (სახელმძღვანელო), 2009, თტუ, EU/UNDP, თბილისი, 348 გვ.
43.	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;
44.	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;
45.	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;
46.	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;
47.	Ecological Standards of Medical, Aromatic, Spicery and Poisonous Herbs of Georgia (in cooperation), ISSN 1995-0756, 5(2); Petra, Jordan, 2011, pp. 256-266;
48.	პრაქტიკული მებოსტნეობა (სახელმძღვანელო), 2012, „ლომთა“, თბილისი, 342 გვ.
49.	აგრობიოტექნოლოგია (თანაავტორობით), 2012, „კრეატივ ბუტიკი“, TEMPUS, თბილისი, 149 გვ.
50.	აგროტექნოლოგიური ნორმატივების ცნობარი (თანაავტორობით), 2012, „ლომთა“, თბილისი, 218 გვ.

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

Years	
1989-2012	9 Textbooks (3 of them in cooperation)
1999-2010	5 Supplement Textbooks (1 of them in cooperating)
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
2012	Grain Legumes of Georgia	World Germplasm, Sweden

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

Years	Title	Name of Event
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 and 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
2013	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 4 Projects, Supported by USAID in Georgia
2001	Annals of Agricultural Sciences, Member of Editorial Board
1999	Representative of CGIAR and EFITA 3 Working groups in Georgia
1999	Member of 7 International Conferences and Symposiums Committees

### 10. Inventions (Autores Certificate, Patentes)

Years	Name
1990-1996	2 Patents (1 in cooperation)
1999-2011	11 Inventions (all in cooperation)

### 11. International and Local Scientific grants

Years	Name
2011	Magister Programs in Applied Biotechnologies, TEMPUS project
2010	Regeneration of Legumes in Georgia, EU project
2009	Creation of Professional Education Standards, UNDP project
2008	Rehabilitation of Field Experiences in ASUG, USDA project
2007	Curricula Development at ASUG, USDA project
2006	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	Publication Issues, DAI-USAID project
2001	Rehabilitation of Grain Legumes in Georgia, WB project

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

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

## 13. Other Activities

	Name	Years
Supervision of Theses and Masters work	Supervisor of 33 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 UN
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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