

Curriculum Vitae

I. I. Personal Data

Last Name:	Karchava	First Name:	Manana	Father's name:	Severiane
Date of Birth:	04.03.1956	Citizenship:	Georgia		
Personal Number:	60001062957	Gender:	female		
Address:	№1/15. Davit Agmashenebeli street, 4600, Kutaisi.				
Phone Number:	555592729				
E-mail Address:	mananaqarchava@yahoo.com				

II. Education

Years	Name of the Institution	Specialty	Qualification	Diploma Number (with reference to the series)
1972-1977	Politecnical institute of N.I. Musxelishvili, of Kutaisi	05.18.16 Technology and the public catering organization.	engineer-technologist	Я №165605
1990	Postgraduate course, Moscow Plekhanov National Economy Institute,	05.18.16, "Public Catering Technology and Organization"	a Candidate of Technical Sciences	КД №030096

Academic / Scientific Degree

Degree-Awarding Year	Name of the Institution	Specialty and Dissertation Title	Qualification	Diploma Number
1990	Postgraduate course, Moscow Plekhanov National Economy Institute,	05.18.16, "Public Catering Technology and Organization" Technology of culinary products based on puree from yawn and tkemali	a Candidate of Technical Sciences	КД №030096
30.04.2004	The Georgian state University Subtropical an economy	05. 18.10 Technology of tea, tobacco and sybtropical cultures. Georgia's peptin-containing subtropical raw materials processing low quality technologies	Doctor of science	№001485

III. Scientific-Pedagogical Activities

Years	Name of the Institution	Academic Position
2011- present time	Department of Foods Technology, Akaki Tsereteli State University	Professor. Head,
2004-till today	Department of Foods Technology, Akaki Tsereteli State University.	Full Professor, Professor, Head.
01.09.2004 - 01.09.2006	Department of Foods Technology, Akaki Tsereteli State University.	Professor

IV. Administrative Positions

Years	Organization	Department (Service)	Position
25.10.2011 - 28.11.2017	Akaki Tsereteli State University	Engineering-Technological Faculty	Chairman of the Dissertation Council

V. Other Activities

Years	Organization	Position

VI. Knowledge of Foreign Languages

Foreign Language	Reading	Listening	Speaking	Writing
English Language	A2	A2	A2	A2
Russian Language	C2	C2	C2	C2
German Language				
If other, please indicate				

A1 and A2 - Initial base user; B1 and B2 - Independent user; C1 and C2 - Professional user

VII. Computer Skills (use symbol)

	Starting level	Average level	Good	Very good
Microsoft Office Word				✓
Microsoft Office Excel				✓
Microsoft Office PowerPoint				✓
Internet Explorer				✓
Outlook Express (E-mail)				✓

VIII. List of Scientific Works (during of 2011-2017)**8.1. Scientific Article within the Framework of the Educational Program:**

8.1.1. Scientific Publications with the Impact Factor

Nº	Author / Authors	Title of the Article	Title of the Scientific Journal	Vol.	Series Nº	Year	Pages
1							
2							

8.1.2. Internationally Refereed Scientific Journals

№	Author / Authors	Title of the Article	Title of the Scientific Journal	Vol.	Series №	Year	Pages
1	Silagadze M.A, Karchava M.S, Kipiani A.V, Berulava I.O, Kopaleshvili T.G	Structure and quality of seeds of olive flax of Georgia and products of their processing	"The oil and fat industry", publishing house "Food industry", Moscow.	0	3	2013	20-23
2	Silagadze M.A, Karchava M.S., Pkhakadze M.D.	A comprehensive study of oil from the fruits of Caucasian beech.	"The oil and fat industry", publishing house "Food industry", Moscow.	0	2	2013	23-24
3	Karchava M.S., Khetsuriani G.S.	Kupaty-industrial production technology	«Meat business», Ukraine, Kiev	11	12	2012	8-10

8.1.3. Publication in a Refereed Journal in Georgia

№	Author / Authors	Title of the Article	Title of the Scientific Journal	Vol.	Series №	Year	Pages
1	M.A. Karchava, T.G. Arnania, I. O. Berulava, Sh.R. Jinjolia, N. S. Kajaia	Lepideum sativum – raw material for creating food supplements with anticarcinogenic activity	Georgian Engineering News	82	2	177-179	2017
2	Sh.R. Jinjolia, M. S. Karchava, I. O. Berulava, G.S. Khetsuriani, T. G. Arnania, N. S. Kajaia	Pine pollen's biologically active substances	Georgian Engineering News	82	2	179-182	2017
3	N.J. Kintsurashvili, T.D. Ergemlidze, M.S. Karchava, I.O.Berulava	Technology of natural vitamin food additive	Georgian Engineering News	84	3	178-182	2017
4	N.J. Kintsurashvili, M.S. Karchava, I.O.Berulava	Functional food supplements and new food technologies	AgroNews	0	4	130-135	2017
5	N.J. Kintsurashvili, T.D. Ergemlidze, M.S. Karchava, I.O.Berulava	Technology of natural mineral food additive	Georgian Engineering News	84	3	182-185	2017
6	N.J. Kintsurashvili, T.D. Ergemlidze, M.S. Karchava, I.O.Berulava	Technology of natural food appendages with high quality of sorption	Georgian Engineering News	86	4	142-146	2017
7	M.S. Karchava, I.O.Berulava, Sh.R. Jinjolia, N.J.Kintsurashvili, T.D. Ergemlidze	Natural, biologically active food appendages in child's nutrition products	Georgian Engineering News	80	4	145-148	2016
8	Kintsurashvili N.J., Ergemlidze T.D. Jinjolia M.Sh. Qarchava	Problems of pre school childrens's nutrition	Georgian Engineering News	80	4	148-153	2016

	M.S. Berulava I.O.						
9	Karchava M. S., Silagadze M.A., Berulava I.O.	New-Generation Diabetic-Purpose Products – Qualitatively New Products in the Georgian Market	Georgian Engineering News	76	2	103-106	2015
10	Karchava M. S., Silagadze M.A., Berulava I.O.	Prophylactic Efficiency of New-Generation Diabetic-Purpose Confectionery	Georgian Engineering News	76	2	99-102	2015
11	Silagadze M.A., Karchava M.S., Berulava I.O., Jinjolia Sh.R., Pkhakadz N.M.	Technology Development for Diabetic Low-Glycemic Honey Cakes	Georgian Engineering News	70	2	104-110	2014
12	Karchava M.S., Silagadze M.A., Berulava I.O., Jinjolia Sh.R., Pkhakadz N.M.	Technology Development for Diabetic Low-Glycemic Crackers	Georgian Engineering News	70	2	99-103	2014
13	Karchava M.S., Silagadze M.A., Berulava I.O., Jinjolia Sh.R., Pkhakadz N.M.	Diabetic destination of soft drinks mineral water base	Georgian Engineering News	72	4	76-79	2014
14	Khetsuriani G.S., Karchava M.S., Bandzeladze K.G.	New assortment of flour confectionery products of high biological value.	Akaki Tsereteli State University „Moambe“	0	1	54-62	2013
15	Karchava M.S., Silagadze M.S., Jinjolia Sh.R., Phxakadze N.M.	Non-traditional vegetable raw materials with low glycemic index for the diabetic confectionery of new generation	Georgian Engineering News	68	4	103-107	2013

8.1.4. In Other Scientific Journals

Nº	Author / Authors	Title of the Article	Title of the Scientific Journal	Vol.	Series Nº	Year	Pages
1							
2							

8.1.5. Presentation / Exhibition of Works, Creation / Display of Models

Nº	Product Type	Product Description	Date, Registration Number of the document, Licence title/Webpage etc.	Vol.	Series Nº	Year	Pages
1	Diabetic bakery products	Diabetic bakery products enriched with natural, biologically active, protein, vitamin, mineral, fiber supplements (see paragraph 2.2 of Project Proposal)	P 4168 ,P 5614, P 5631, P 5834, P 5835, P 5836, P 5837, P 5263, P 5264, Rustaveli.org.ge - Successful projects				
2	Diabetic confectionery products	Diabetic confectionery products enriched with natural, biologically active, protein, vitamin,	Application for utility patent Application №13501/01; №13647/01)				

		mineral, antioxidant fiber supplements (see paragraph 2.2 of Project Proposal)	Rustaveli.org.ge - Successful projects				
3	Diabetic beverages	Diabetic alcohol-free beverages based on Georgian mineral waters and enriched with therapeutic plant-based extract	Application for utility patent Application №13696/01) Rustaveli.org.ge - Successful projects				

8.2. Editorial Board Membership of International Scientific Publications

Nº	Title of the Scientific Publication	Position

8.3. Editorial Board Membership of National Scientific Publications

Nº	Title of the Scientific Publication	Position

IX. Participation in Grant Projects Within the Framework of the Educational Program (during of 2011-2017)

9.1. Scientific Grant Funded by International Donor Organizations

Nº	Years	Scientific Fund	Nº - Project Title	Status in the Project

9.2. Scientific Grant Presented to International Donor Organizations

Nº	Years	Scientific Fund	Nº - Project Title	Status in the Project

9.3. Scientific Grant Funded by Shota Rustaveli National Science Foundation

Nº	Years	Scientific Fund	Nº - Project Title	Status in the Project
1	2013-2015	Shota Rustaveli National Science Foundation	AR/201/10-150/12 „Development of Technologies of New Generation Diabetic Foods“	Principal investigator

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2	2016-2018	Shota Rustaveli National Science Foundation	N 216 752 "Developing Innovative Technology of Powerful Antioxidant Polyphenol Concentrate"	Experimenter
3				

9.4. Scientific Grant Funded by Shota Rustaveli National Science Foundation

Nº	Years	Scientific Fund	Nº - Project Title	Status in the Project
1	2017	Shota Rustaveli National Science Foundation	Anticarcinogenic Natural Food Supplement Based on Local Plant Raw Material	Principal investigator
2	2017	Shota Rustaveli National Science Foundation	FR2017/ FR17_338 Study of Pine pollen common in Georgia and using of it in Prophylactic Nutrition	Key Perssonel
3	2016	Shota Rustaveli National Science Foundation	SRNSF Applied Research Grants Submission: 216784. Georgian "Individual Food Ration" for Field and Extreme Conditions	Principal investigator
4	2014	Shota Rustaveli National Science Foundation	FR/437/10-150/14 Development of Theoretical Foundations for Technologies of New Generation Non-Alcoholic Beverages Produced on the Basis of Georgian Mineral Waters	Key Personnel
5	2014	Shota Rustaveli National Science Foundation	FR/430/10-150/14 Investigation of Technologies of Aglutinar Products with high Nutritional Value	Principal investigator
6	2013	Shota Rustaveli National Science Foundation	FR/271/10-150/13 Development of Theoretical and Practical Foundations for Technologies of Non-Alcoholic Beverages Produced on the Basis of Georgian Mineral Waters	Key Personnel
7	2012	Shota Rustaveli National Science Foundation	FR/571/10-150/12 Development of Theoretical and Practical Fundamentals for Technologies of Functional Non-Alcoholic Beverages Produced on Georgian Mineral Waters Base	Key Personnel
8	2012	Shota Rustaveli National Science Foundation	AR/201/10-150/12 Development of Technologies of New Generation Diabetic Foods	Principal investigator
9	2011	Shota Rustaveli National Science Foundation	AR/66/10-150/11 Diabetic destination confectionery processing technology.	Principal investigator

9.5. ATSU Funded Scientific Grant

Nº	Years	Scientific Fund	Nº - Project Title	Status in the Project

X. Educational / Creative Projects (during of 2011-2017)

Nº	Years	Scientific Fund	Nº - Project Title	Status in the Project

XI. Participation in Scientific Conferences / Symposia Within the Framework of the Educational Program (during of 2011-2017)

11.1. Preparation and Publication of a Report at an International Scientific Conference / Symposium

Nº	Year	Conference Title	Title of the Report	Country, City
1	2016	Modern Engineering Technology and Environment	Prospects for Creating Foods with Ant carcinogenic Activity	Georgia, Kutaisi
	2015	Innovative technologies for production of functional foods	Diabetic Nonalcoholic Drinks Based on Georgian Mineral Waters	Georgia, Kutaisi
2	2015	Innovative technologies for production of functional foods	Scientific-Practical Aspects of the Production of New-Generation Diabetic Products	Georgia, Kutaisi
3	2015	Innovative technologies for production of functional foods	Technology development for diabetic low-glycemic crackers	Georgia, Kutaisi
4	2015	Innovative technologies for production of functional foods	Technology development for diabetic low-glycemic honey cakes	Georgia, Kutaisi
5	2015	Innovative technologies for production of functional foods	Prospects for using pine pollen in production of functional foods.	Georgia, Kutaisi
6	2013	Innovative Technologies and Contemporary Materials	Marc –raw material for obtaining fruit flour with high biological value.	Georgia, Kutaisi
7	2013	Innovative Technologies and Contemporary Materials	A new assortment of confectionery products of high biological value.	Georgia, Kutaisi

11.2. Preparation and Publication of a Report at a National Scientific Conference / Symposium

Nº	Year	Conference Title	Title of the Report	Country, City
1				
2				

11.3. Preparation and Publication of a Report at a Local University Conference / Symposium

Nº	Year	Conference Title	Title of the Report	Country, City

11.4. Organizing an International Scientific Conference / Symposium

Nº	Year	Conference Title	Country, City

11.5. Organizing a National Scientific Conference / Symposium

Nº	Year	Conference Title	Country, City

XII. Published Books and Monographs (during of 2011-2017)

Nº	Year	Author / Authors	Title	Publication
1	2017	Karchava M. S.; Gachechiladze S.	Food safety. Biological dangers of meat and meat products	Publishing of University Akakia Tsereteli, Kutaisi
2	2016	Karchava M.S.	Food chemistry	Publishing of University Akakia Tsereteli, Kutaisi
3	2016	Karchava M.S., Lejava K.S., Berulava I.O.	Safety and quality of milk and milk products	Publishing of University Akakia Tsereteli, Kutaisi
4	2016	Karchava M.S., Lejava K.S., Berulava I.O.	Technology of milk and dairy products production	Publishing of University Akakia Tsereteli, Kutaisi
5	2015	Karchava M.S., Berulava I.O., Lejava K.S.	Safety and quality of meat and meat products	Publishing of University Akakia Tsereteli, Kutaisi
6	2015	Karchava M.S., Berulava I.O., Lejava K.S.	Technology of meat and meat products	Publishing of University Akakia Tsereteli, Kutaisi
7	2014	Karchava M.S.	Food safety	Publishing of University Akakia Tsereteli, Kutaisi
8	2012	M.S. Karchava, I. O.Berulava	Technology of meat and meat products- (Training Manual)	Publishing of University Akakia Tsereteli, Kutaisi
9	2012	M.S. Karchava, I. O.Berulava	Technology of milk and dairy products production- (Training Manual)	Publishing of University Akakia Tsereteli, Kutaisi

XIII. Copyright, Patent, Utility Model Priority (during of 2011-2017)

13.1. Internationally Submitted Invention

Nº	Year	Author / Authors	Title of the Invention	Issuing Authority	Registration Number

13.2. Invention Submitted to Georgia

Nº	Year	Author / Authors	Title of the Invention	Issuing Authority	Registration Number
1	2014	Karchava M.S.; Silagadze M.A.; Jinjolia Sh.R.; Phxakadze N.M.	diabetic honey cakes	National Center of Intellectual Property "SAKPATENTI", Georgia	Application for invention №13501/01

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2	2014	Karchava M.S.; Silagadze M.A.; Jinjolia Sh.R.; Phxakadze N.M.	Composition of ingredients for diabetic crackers.	National Center of Intellectual Property "SAKPATENTI", Georgia	Application for invention №13647/01
3	2014	Karchava M.S.; Silagadze M.A.; Jinjolia Sh.R.; Phxakadze N.M.	Composition of ingredients for high biological value for diabetic purposes.	National Center of Intellectual Property "SAKPATENTI", Georgia	Application for invention №13696/016
4	2013	Karchava M.S.; Silagadze M.A.; Jinjolia Sh.R.; Phxakadze N.M.	Dough composition to prepare a diabetic cookie.	National Center of Intellectual Property "SAKPATENTI", Georgia	Patent P5836
5	2013	Karchava M.S.; Silagadze M.A.; Jinjolia Sh.R.; Phxakadze N.M.	Composition of ingredients to make diabetic pizza	National Center of Intellectual Property "SAKPATENTI", Georgia	Patent P5837
6	2013	Karchava M.S.; Silagadze M.A.; Jinjolia Sh.R.; Phxakadze N.M.	Dough composition for diabetic bread (lavash).	National Center of Intellectual Property "SAKPATENTI", Georgia	Patent P5834
7	2013	Karchava M.S.; Silagadze M.A.; Jinjolia Sh.R.; Phxakadze N.M.	Composition of ingredients for preparation of diabetic khachapuri	National Center of Intellectual Property "SAKPATENTI", Georgia	Patent P5835
8	2011	Karchava M.S.; Silagadze M.A.; Jinjolia Sh.R.; Phxakadze N.M.	Diabetic "Khinkali"	National Center of Intellectual Property "SAKPATENTI", Georgia	Patent P 5263
9	2012	Karchava M.S.; Silagadze M.A.; Jinjolia Sh.R.; Phxakadze N.M.	Diabetic vitamins bread	National Center of Intellectual Property "SAKPATENTI", Georgia	Patent P 5614
10	2012	Karchava M.S.; Silagadze M.A.; Jinjolia Sh.R.; Phxakadze N.M.	Diabetic iodinated bread	National Center of Intellectual Property "SAKPATENTI", Georgia	Patent P5631
11	2011	Karchava M.S.; Silagadze M.A.; Jinjolia Sh.R.; Phxakadze N.M.	Diabetic Macaroni	National Center of Intellectual Property "SAKPATENTI", Georgia	Patent P 5264

13.3. Utility Model Patenting

№	Year	Author / Authors	Title of the Invention	Issuing Authority	Registration Number

13.4. Industrial Pattern Patenting

№	Year	Author / Authors	Title of the Invention	Issuing Authority	Registration Number

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XIV. Introduction and Commercialization of Scientific Research Activities (during of 2011-2017)

Nº	Year	Project Authors and Title	Where it was Introduced

XV. Management (Co-management) of Professional, One-year Academic, Bachelor's, One-stage, Master's and Doctoral Programs (during of 2011-2017)

Nº	Year	Stage	Name of the Program
1	2007-present time	Bachelor's degree	Food Technology
2	2007- present time	Master degree	Food Technology
	2010-present time	Doctoral degree	Food Technology

XVI. Guidance (Co-guidance), Expertise and Reviewing of Doctoral Dissertations (during of 2011-2017)

Nº	Doctoral Student	Thesis	Gradation
1	Nino Kintsurashvili	Developed technologies of functional meat products and processing system for safety guarantees	Scientific Head
2	Tea Ergemlidze	Development of new generation food technologies for the preservation of preschool nutrition status in Georgia	Scientific Head
3	Tamar Arnania	The use of natural food additives and products technology of antichycesrogenic activity	Scientific Head
4	Temur Gvinianidze	Creating rational technology for the production of exposed tea	Oponent
5	Manana Gabitashvili	Developing technologies and quality control methods of Georgian grape seed biopolonic liquid extracts	Oponent
6	Nestan Kajaia	Functional purpose food processing technologies using nut-medicinal vegetable raw material	Scientific Head
7	Ketevan Bandzeladze	Processing technologies for processing of fruit-berry flour and its functional purpose food	Scientific Head

XVII. Participation in Qualification Raising Courses, Seminars, Trainings (during of 2011-2017)

Nº	Year	Name of the Training	Gradation (Facilitator, Participant)
1			
2			

XVIII. Other Expert Services (Including the Review of a Scientific Work, Scientific Journals, Articles with the Impact Factor in Internationally Refereed Scientific Journals)

Nº	Year	Type of the Expert Service
1		
2		

XIX. Other Activities

Additional Information

Department of Food Technology, professor:

Manana Karchava

Head department of Food Technology, professor:

Manana Karchava

Dean of Engineering-Technological Faculty, professor:

Maia Grdzelidze