Giorgi Erkomaishvili

Personal information

ID Number: 01017034021

Full name: Giorgi Erkomaishvili

Gender: Male

Date of birth: 16.10.1932

Citizenship: საქართველო (Georgia)

Contact Details

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Country: საქართველო (Georgia)

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Address: Tbilisi, janashia st. 3a

Languages

Language	Writing	Reading	Speaking
Russian	C2	C2	C2
English	B1	B2	B1
ქართული (Georgian)	C2	C2	C2

Education

Academic degree

Academic Degree: Doctoral/PhD, Ed.D or other equivalent

Year obtained: 03.06.1963

Education

Academic Degree	Name of the Institution	Country	Major discipline	Start year	End year
Doctoral/PhD, Ed.D or other equivalent	Moscow Lomonosov Institute of Fine Chemical Technology.	Russian Federation	Organic chemistry	1956	1963
Master/MS, MA, MR, MBA, m.Ed or other equivalent	Moscow Lomonosov Institute of Fine Chemical Technology.	Russian Federation	technology of fine organic compounds, organic chemistry	1951	1956

Projects

Completed projects

Project title	Position	Project head	Start Date	End Date	Donor
Study of Modified Complex of Papaya Proteasys for the Development of Pharmaceutical Formulation	scientist-researcher	Liana Nadirashvili	01.01.2010	01.01.2012	STCU-Shota Rustaveli National Science Foundation of Georgia
Modification of Complex of Papaya Proteases by synthetic biodegradable polymeric carriers as a potential injection	Project manager	Giorgi Erkomaishvili	01.01.2007	01.01.2009	STCU-Shota Rustaveli National Science Foundation of Georgia #4309

Scientific Fields

Main Field

Field: 1. Natural sciences

Sub-Field: 1.6 Biological sciences

Subject area: 1.6.4 Biochemical research methods

Employment History

Current place(s) of employment

Workplace	Name of the work department	Position	Main responsibilities	Start Date
TSMU Iovel Kutateladze Institute of Pharmacochemistry	Direction of enzimology of department of phitochemistry	major research scientist	Investigation of physical-chemical properties of proteolityc enzymes for the medicine preparation	01.11.1966

Work experience

Company/Institution	Name of the department	Position	Main responsibilities	Start Date	End Date
Institute of Applied Chemistry and Electrochemistry of Georgian Academic Scientist	Laboratory of organic chemical technology	Junior scientist	Research of the ways of synthesis of caprolactam	24.11.1958	24.12.1959

Scientific Productivity

Patents

Patent name	Issuing organization	Registration number	Year of Issue
Ointment carypazym	Sakpatenti	U 2017 1955 Y	2017
Gels for electrothrapy	Sakpatenti	U 2016 1919 Y	2016
A composition of necrolytical and antimicrobical ointment	Sakpatenti	GE U 2009 1570 Y.	2009
The method of preparation of papaya complex	Sakpatenti	პატენტი GE U 1522	2008
The method of obtaining of stabilized form of papain	USSR	N1421770	1988
A method for producing an agent having necrolytic activity	USSR	№1251379	1986
Method for obtaining papain	USSR	№942279	1982
Method for the preparation of protein hydrolysates	USSR	№566590	1977
Method of coagulation of milk proteins.	USSR	№450429	1974
A process of producing a preparation of the enzyme elastase of microbial origin	Patent specification	№1 274 425	1972
A method for obtaining of enzymatic preparation elastase	USSR	№282247	1970

Article / Monograph / Manual

Type	Authors	Publication title	Source title	Year
Article	D. Lagazidze, M. Orjonikidze, G. Cagareishvili, L. Nadirashvili, G. Erkomaishvili	Development of technologies and formulations of Carica Papaya protease liposomes	THE II INTERNATIONAL SCIENTIFIC-PRACTICAL INTERNET-CONFERENCE MODERN PHARMACY – SCIENCE AND PRACTICE - Collection of works.	2020
Article	N. Gorgaslidze, M. Getia, L. Nadirashvili, G. Erkomaishvili	Validation of analytical method to measure bromelain activity in gel formulation	IJSRM/HUMAN	2018
Article	N. Gorgaslidze, L. Nadirashvili, G. Erkomaishvili	Metrological characteristics of the methodfor determining theactivityof ficin - aproteolytic enzymein thelatexof immaturefruits of fig trees (Ficus carica)	“Experimental andclinical medicine”	2018
Article	N. Gorgaslidze, G. Erkomaishvili, N. Nizharadze, L. Nadirashvili.	The study of some properties of papain containing gels.	Proceeding of the Georgian National Academy of sciences, Chemical series	2016
Article	N. Gorgaslidze, L. Nadirashvili, G. Erkomaishvili, N. Nizharadze	Comparative study of some physico-chemical properties of fruit bromelain and stem bromelain from ananas comosus for development of the methods of standartization.	Proceeding of the Georgian National Academy of sciences, Chemical series	2016

Type	Authors	Publication title	Source title	Year
Article	Erkomaishvili G., D. Chanturia, L. Vadachkoria	The dry ointment of complex of proteases of papaya	Tbilisi State Medical University Collection of scientific works XLVI	2012
Article	L.A. Nadirashvili, G.S. Erkomaishvili, D.G. Chanturia, L.V. Vadachkoria, I.A. Dadeshidze, G.A. Jokhadze, N.M. Zavradashvili and R.D. Katsarava.	Simplified Synthesis of Biodegradable Polyamide Carriers on the Basis of Lysine and their Application for the Chemical Modification of the Complex of Papaya (Carica papaya) Proteases	Georgian International Journal of Science and Technology, NOVA Publishers	2011
Article	D. Chanturia, L. Vadachkoria, L. Nadirashvili, G. Erkomaishvili	Establishment of optimal conditions for the determination of the proteolitic activity of papaya proteinase complex	Collected Scientific Works "Investigation of Georgian Biologically Active Compounds of Plant and Mineral Origin"	2010
Article	L. Vadachkoria, G. Erkomaishvili	Degradation of bioavailable and biodegradable polyesteramide in aqueous solution of papaya enzymes complex	Collected Scientific Works "Investigation of Georgian Biologically Active Compounds of Plant and Mineral Origin"	2010
Article	G. Erkomaishvili	Consideration on the units and methods of determining the proteolitic activity of the complex enzymes of papaya	Collected Scientific Works "Investigation of Georgian Biologically Active Compounds of Plant and Mineral Origin"	2010
Article	Erkomaishvili G., L. Vadachkoria, L. Nadirashvili, D. Chanturia	Apparatus and method for in vitro study of iontophoretic permeation of proteolytic enzymes through the animal's skin	Collected Scientific Works "Investigation of Georgian Biologically Active Compounds of Plant and Mineral Origin"	2009
Article	Erkomaishvili G., D. Chanturia, L. Vadachkoria, L. Nadirashvili	Method of determinatilon of the proteolitic activity of karipazim	Collected Scientific Works "Investigation of Georgian Biologically Active Compounds of Plant and Mineral Origin"	2009
Article	G.S. Erkomaishvili, L.A. Nadirashvili, D.G. Chanturia, L.V. Vadachkoria, I.A. Dadeshidze, G.	Chemical modification of the complex of the enzymes of papaya by the polymeric ligands	Collected Scientific Works "Investigation of Georgian Biologically Active Compounds of Plant and Mineral Origin"	2009

Participation in scientific events

Scientific event name	Title of the presentation	Event venue	Year
International Scientific Conference “GREEN MEDICATIONS - BY GREEN TECHNOLOGIES - FOR HEALTHY LIFE”	Comparative analysis of protein determination methods in bromelain.	Tbilisi, Georgia	2019
6th International Conference and Exhibition on MATERIALS SCIENCE AND CHEMISTRY	Development of methods for quantitative determination of bromelain on gel formulation	Rome, Italy.	2018
The4th Conferences of GeorgianNational Academyof sciences "Natural andsynthetic biological active materials"	Metrological characteristics of the methodfordetermining theelastase activityofbromelain containing gels.	Tbilisi, Georgia	2018
World Congress on Pharmacology and Chemistry of Natural Compounds	Development of protease containing medicinal forms.	Tbilisi, Georgia	2017
International Scientific Conference „Future Technologies and Quality of Life”	Selection of bases for enzyme containing gels	Batumi, Georgia.	2017
Biopolimer Congress and Bioplastics	The study of some properties of papain and bromelain containing gels	Paris, France	2017
6th World Congress on Medicinal Chemistry and Drug Design	Development of analytical procedur for the standardization of bromelain from the pineapple (Ananas comosus (L.)Merr.).	Milan, Italy	2017
Modern researches and prospects of their use in chemistry, chemical engineering and related fields. International Scientific Conf.	Comparative study of some physico-chemical properties of fruit bromelain and stem bromelain from ananas comosus for development of the methods of standartization	Ureki, Georgia	2016
Modern researches and prospects of their use in chemistry, chemical engineering and related fields. International Scientific Conf.	The study of some properties of papain containing gels.	Ureki, Georgia	2016
The 3rd konferences of Georgian National Academy of sciences "Natural and synthetic biological active materials"	A Study of proteolitic activity in bromelain containing gels	Tbilisi, Georgia	2016

Scientific event name	Title of the presentation	Event venue	Year
3rd International Conference on Pharmaceutical sciences	Some of the physico-chemical properties of bromelain.	Tbilisi, Georgia	2015
The 2nd konferences of Georgian National Academy of sciences "Natural and synthetic biological active materials"	Investigation of chemical modified complex of proteases of papaya	Tbilisi, Georgia	2013
Republican scientist conf. "Natural and synthetic biological active materials"	Chemical modified complex of proteinas of papaya with biodegradebel polymers	Tbilisi, Georgia	2010
70th Internacional Congress of FIP	Pharmaceutical formulations of complex of papaya proteases	Lisbon, Portugal	2010
FIP Pharmaceutical Scienses World Congress	Simplified Synthesis of Biodegradable Polyamide Carriers and Their Application for the Chemical Modification of the Complex of Papaya Proteases	New Orlean, USA	2010
64th Congress International Federation of Pharmaceutics	Chemical Modification of Papaya Proteases with polymeric carriers	Basel, Switzerland	2008

Productivity index

#	Citation index	h-index
Google scholar	14.00	3.00