

Europass Curriculum Vitae

Personal information			
First name(s) / Surname(s)	First name(s) Liliana Surname(s) Tudoreanu		
Address(es)	Pargarilor str. No 62 sect 2, Bucharest, Romania		
Telephone(s)	Mobile: 0040722582793		
E-mail	liliana_tudoreanu223@hotmail.co.uk ; liliana_tudoreanu223@yahoo.com https://sites.google.com/site/hevmetfood/		
Nationality	Romanian		
Date of birth	09/01/1959		
Gender	fem		

Work experience	
Dates	2007, 2008 and 2010-2013
Occupation or position held	Expert . Vice chair of the Environment Panel of Marie Curie Actions (2010). Raporteure,
Main activities and responsibilities	Evaluation of IEF, IIF, and IOF grant applications
Name and address of employer	Research Executive Agency COVE2 18/72, B-1049 Brussels
Dates	Since 2007
Occupation or position held	Director of the Interdisciplinary Laboratory for Heavy Metals Accumulation in the Food chain and Modelling.
Main activities and responsibilities	Research project development. Writing research proposals. Coordinating the research activity of postgraduate and undergraduate students. Spectrometric methods development. Data mining.
Name and address of employer	University of Agronomic Sciences and Veterinary Medicine of Bucharest
Type of business or sector	Education and research
Dates	Since 1999
Occupation or position held	Project director and researcher – see ANNEX 1
Main activities and responsibilities	Research activities development, writing research reports, research project management
Name and address of employer	University of Agronomic Sciences and Veterinary Medicine of Bucharest
Type of business or sector	Education and Research
Dates	Since 1991
Occupation or position held	Associated professor (position since 2007) (previous positions: assistant professor ; lecturer)

Main activities and responsibilities	Course development, lectures in food physics (rheology, unit operations), Food Equipment. Laboratory training, analytical methods, data mining, analytical method development. Research in the science of the total food chain, food science and food physics.
Name and address of employer	University of Agronomic Sciences and veterinary Medicine of Bucharest
Type of business or sector	Education and research
Dates	January - October 1999
Occupation or position held	Visiting scholar- Clinical Veterinary Medicine Department University of Cambridge (UK)
Main activities and responsibilities	Research and development of models on cadmium and lead accumulation in plants
Name and address of employer	University of Cambridge – United Kingdom – Department of Clinical Veterinary Medicine
Type of business or sector	Research
Dates	1985 –1991
Occupation or position held	Assistant researcher; researcher
Main activities and responsibilities	Spectrometric analyses and research
Name and address of employer	ICEM București - Laboratory for spectrometric analyses
Type of business or sector	Research
Dates	1982 –1985
Occupation or position held	Physics teacher
Main activities and responsibilities	Teaching physics for high school and gymnasium
Name and address of employer	High School Lonea, school Nr 5 Petrila, Liceul de Constructii Bucuresti
Type of business or sector	Education
Education and training	
Date	2009
Title of qualification awarded	Certificates of training
Principal subjects/occupational skills covered	Analytical methods development and training in ICP; ICP-MS; ICP-MS-LA and XRF.
Name and type of organisation providing education and training	Berd Trading Romania- THERMO Scientific.
Level in national or international classification	Not applicable
Date	2007
Title of qualification awarded	Certificate of training
Principal subjects/occupational skills covered	The HACCP system and its foundation
Name and type of organisation providing education and training	US Department of Agriculture, HACCP Consulting Group, L.L.C.
Level in national or international classification	Not applicable
Date	2005
Title of qualification awarded	Certificate in IT competencies : series A No 0091628
Principal subjects/occupational skills covered	Microsoft Office (Access, Excel, PowerPoint, Outlook, Publisher, Word), Internet and Basic web design.
Name and type of organisation providing education and training	The Ministry of Education and The Ministry of Labour

Level in national or international classification	4
Date	2004 (year of degree award)
Title of qualification awarded	PhD
Principal subjects/occupational skills covered	Plant physiology, biophysics, horticulture
Name and type of organisation providing education and training	University of Agronomic Sciences and Veterinary Medicine of Bucharest
Level in national or international classification	8 EQF/CEC
Dates	2001 (year of degree award)
Title of qualification awarded	M.Phil
Principal subjects/occupational skills covered	Plant physiology, Animal welfare, Statistics: Data mining, Modelling techniques for plant and animal data: JMP, POWERSIM, SPSS. Software tools for publishing and managing bibliographies, citations and references : ENDNOTE
Name and type of organisation providing education and training	University of Cambridge (UK)
Level in national or international classification	7 EQF/CEC
Date	2002
Title of qualification awarded	Certificate of participation
Principal subjects/occupational skills covered	Animal Welfare Training Course
Name and type of organisation providing education and training	Technical Assistance Information Exchange office DG Enlargement European Commission
Level in national or international classification	Not applicable
Dates	1998
Title of qualification awarded	Certificate: Competence Based Curriculum Design and Teaching -Learning and Assessment methodologies
Principal subjects/occupational skills covered	Curriculum design; teaching – learning techniques; assessment methodologies.
Name and type of organisation providing education and training	Reaseheath College – UK
Level in national or international classification	Not applicable
Dates	1993 ; 1994 (Follow up course)
Title of qualification awarded	Certificate
Principal subjects/occupational skills covered	Project design, project management and identification of funding sources. (56 hours + 56 hours follow-up course)
Name and type of organisation providing education and training	Minnesota University funded by US AID
Level in national or international classification	Not applicable
Dates	1986

Title of qualification awarded	Training in ICP-OES
Principal subjects/occupational skills covered	Utilisation of ICP-MS spectrometers, spectrometric analysis, method development
Name and type of organisation providing education and training	Beckman company USA by ICEM Bucharest
Level in national or international classification	Not applicable
Dates	1978 –1982
Title of qualification awarded	Degree in physics
Principal subjects/occupational skills covered	Macromolecular Physics , Physical chemistry, Polymer Physics, Rheology, Optics and spectrometry, Equipments for Measurement monitoring and control instruments , Electronics, Electrical engineering, Data mining, Applied Statistics, Calculus, Statistical Physics, Mechanics, Thermodynamics, Solid state physics, Liquid state Physics, Computer science (computer programming), Teaching methodology,
Name and type of organisation providing education and training	Faculty of Physics- University of Bucharest
Level in national or international classification	6 EQF/CEC

Personal skills and competences	
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Mother tongue(s)	Romanian									
Other language(s)										
Self-assessment	Understanding					Speaking				Writing
<i>European level (*)</i>	Listening		Reading		Spoken interaction		Spoken production			
Language (E- English)	E	C2	E	C2	E	C2	E	C2	E	C2
Language (F- French)	F	C2	F	C2	F	C2	F	C2	F	C2
	(*) <i>Common European Framework of Reference for Languages</i>									
Social skills and competences	<ul style="list-style-type: none"> Ability of communication acquired through teaching experience since 1982 and the development of science outreach activities for students and faculty Team spirit and teamwork skills gained through over 20 years of participating in international and national research projects and coordination and support actions. Excellent ability to adapt to multicultural environments, gained though my work experience abroad (University of Cambridge) and participation to international projects (see ANNEX 1) and as a member and co-chair of the e-learning platform of the ISEKI -Food international organization. Excellent communication skills gained through my experience as project manager and moderator to over 10 international events. 									

Organisational skills and competences	<ul style="list-style-type: none"> • Leadership: I act as a team leader or project director during the last 20 years. • Excellent sense of organization for teaching, research and laboratory activity • Excellent experience in project and team management. <p>2016 – organizer of the international meeting of the COST Action 1403- POSITIVE: https://www6.inra.fr/cost-positive/Events/3rd-WG-meeting-Bucharest-2016 .</p> <p>2016 – Organizer, moderator and scientific committee member of the E-Conference: FOOD RHEOLOGY AND TEXTURE https://www.iseki-food.net/food_texture_and_rheology .</p> <p>2013- Organizer and moderator of the International seminar: Environment and Food Quality and the Well-being of Humans and Animals".</p> <p>2011- Organizer and moderator of the International seminar: Advances in Spectrometric analytical methods for foodstuff and biological samples.- University of Agronomic Sciences and Veterinary medicine of Bucharest, Romania.</p> <p>2010- Organizer and moderator of the presentation of the Faculty of Veterinary Medicine Educational Offer at INDAGRA exhibition Bucharest, Romania.</p> <p>2009 - Organizer and moderator of 3 workshops, 8 round tables , and one project meeting within the BioMotion Project (participants from Romania, France, Holland, Germany, Poland).</p> <p>2008 – Organizer of the Round table - The Marie Curie actions – Supporting the research excellence in Europe – lecturer Dr. Thomas Fairley – European commission – Marie Curie Actions- Environment panel.</p> <p>2007- Organizer and moderator for the International workshop: Heavy metals in the Environment and the wellbeing of Humans and Animals. - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania.</p>
Technical skills and competences	<p>My technical skills were acquired through training during my undergraduate and graduate education, work and voluntary :</p> <ol style="list-style-type: none"> 1. Running laboratory equipments: ICP-MS, ICP-OES , LA-ICP-MS, XRF, viscometers, rheometers, texture analysers, microwave digestion ovens, scales; 2. Development of spectrometric analytical methods for plant and animal samples, 3. Development of rheological methods for foods; 4. Laboratory Quality Control; 5. Sensory evaluation (experimental design and statistical analysis); 6. Data mining.
Computer skills and competences	<p>Computer skills and competences were acquired by training during my undergraduate and graduate studies at the University of Bucharest (Romania) and the University of Cambridge (UK) and by training at CPI (Bucharest, Romania) as well as by work and voluntary.</p> <ol style="list-style-type: none"> 1. Excellent command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™ Access™; Outlook™, Publisher™ ,); 2. Excellent ability to work with Internet; 3. Excellent ability for database searching; 4. Excellent ability to work with ssoftware tools for publishing and managing bibliographies; citations and references: ENDNOTE; 5. Excellent command Statistical software: JMP 2.0; JMP 5.0; JMP Pro and JMP Clinical; SAS. SPSS; MINITAB; MedCalc; MVSP- KOVACH COMPUTING SYSTEMS; 6. Very Good ability in using software for developing simulation models: POWERSIM; 7. Excellent ability to create and edit PDF files : Acrobat X Standard; 8. Basic knowledge of graphic design applications (PhotoShop™ ; Photosuite, Corel) ; 9. Basic knowledge of web Design and website administration and development; 10. Basic knowledge Computer programming and computer languages: FORTRAN, C++, HTML.
Driving licence	Category B, (Romania)

Additional information	<ul style="list-style-type: none"> • EAEVE expert in general sciences- 2009 (European Association of Establishments for Veterinary Education) • Peer review for : <ul style="list-style-type: none"> - JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE (<i>ELSEVIER</i>) , - ENVIRONMENTAL POLLUTION (<i>ELSEVIER</i>), - ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY (<i>ELSEVIER</i>), - JOURNAL OF FOOD STUDIES (Macrothink Institute) -INTERNATIONAL JOURNAL OF FOOD STUDIES • Section editor <ul style="list-style-type: none"> - Food Rheology and texture – International Journal of Food Science • Editor Book of abstracts: Food Rheology and Texture (ISBN: 978-3-900932-38-1) • Referee for PhD thesis at : <ul style="list-style-type: none"> - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania - Universidade de Vigo – Spain • Member of the ISEKI- FOOD ASSOCIATION - Deputy of the e-learning platform https://www.iseki-food.net/ • MC member of the COST ACTION 1403 http://www.cost.eu/COST_Actions/fa/Actions/FA1403 • MC member CA 15215, Leader of Training and Education group, vice-leader of WG6- Consumer and market behavior http://www.cost.eu/COST_Actions/ca/CA15215 <p>MOST RELEVANT PUBLICATIONS</p> <p>BOOKS</p> <ol style="list-style-type: none"> 1. Liliana Tudoreanu (2014). Modeling cadmium accumulation in maize, ryegrass and soyabeans plants. Ed. Tehnopress. (ISBN 978-606-687-106-8) 2. Liliana Tudoreanu. (2014) Reologia si analiza texturala a produselor alimentare. Ed. TEHNOPRESS (ISBN:978-606-687-088-7)) (Rheology and textural analysis of food) Tudoreanu L., Codreanu M.D., Crivineanu V. and Goran Gh. V. Modeling heavy metals transport and accumulation in plant-animal systems (2011) Ed PRINTECH (ISBN 978-606-521-739-3). 3. Tudoreanu, L., Prankel, S., Enache, L., Akhmetova, B., Omarova, A., Kovacs, B. Gyor, Z. and Phillips, C.J.C. 2007. (2007) The EU METAL Project - Metals in the Environment, Toxicity and Assessment of Limits: Cadmium, in <i>Environmental Research Advances</i>, (Clarkson, P. A. Ed.), Nova Books, pp. 185-196.(SUA) www.novapublishers.com/catalog/product_info.php?products_id=5768 <p>ARTICLES:</p> <ol style="list-style-type: none"> 1. Goran¹ Gh.V., Tudoreanu¹ L., Rotaru E and Crivineanu V. (2016). Comparative study of mineral composition of beef steak and pork chops depending on the thermal preparation method. (1-equal contribution) 2. Tudoreanu L., Goran Gh. V, Crivineanu V., Codreanu M. D. (2014) The First Romanian Database of Mineral Nutritional Value and Textural Properties of Romanian Foods of Animal Origin. Bulletin UASVM Veterinary Medicine 71 (1) / 2014, 242-249 Print ISSN 1843-5270; Electronic ISSN 1843-5378 3. Tudoreanu L, Vişoiu G. and Crivineanu V. (2014). Reference ranges of minerals, thyroid hormones and TSH in canine blood serum. <i>Book of abstracts nr 1/2014. UASVM Cluj-Napoca- The 13th International Symposium. Prospects for the 3rd Millennium Agriculture 25-27 Septembrie 2014 Cluj -Napoca</i> 1. Tudoreanu L. (2014). The influence of ripening time and milk type on the overall textural quality of the traditional Romanian brine cheese. <i>Book of abstracts nr 1/2014. UASVM Cluj-Napoca- The 13th International Symposium. Prospects for the 3rd Millennium Agriculture 25-27 Septembrie 2014 Cluj -Napoca</i> 2. Tudoreanu L. (2013). The Influence of Stunning Method, Refrigeration and Freezing Time on the Rheological and Textural Properties of Raw Meat. Bulletin UASVM Food Science and Technology 70(2)/2013, 151-152. ISSN-L 2344-2344; Print ISSN 2344-2344; Electronic ISSN 2344-5300 3. Tudoreanu L, Goran Gh. V., Crivineanu V., Codreanu M.D., (2013) Minerals Concentration and Textural Properties of Romanian Beef Raw and Cooked Meat and Offal. Bulletin UASVM Food Science and Technology 70(2)/2013, 124-128 ISSN-L 2344-2344; Print ISSN 2344-2344; Electronic ISSN 2344-5300 4. Phillips CJC and Tudoreanu L., (2011). A model of cadmium accumulation in the liver and kidney of sheep derived from soil and dietary characteristics. <i>Journal of the Science of Food and Agriculture</i> vol 91(2), p. 370-376 5. Tudoreanu L. and Phillips C.J.C., (2004). <i>A Modeling Perspective on Cadmium Uptake and Accumulation in Plants.</i> Advances in Agronomy nr 84, p121-157 6. Tudoreanu L. and Phillips C.J.C., (2004). <i>Empirical models for Cadmium accumulation in maize, ryegrass and soyabeans plants.</i> Journal of the Science of Food and Agriculture nr 84, p 845-852. <p>The 2008-2014 list of the articles can be found at: https://sites.google.com/site/hevmetfood/publicatii-publications/articles</p>
MAIN AREAS OF RESEARCH INTERESTS	<ul style="list-style-type: none"> - Food composition (Minerals, polyphenols and carotenoids) and food quality - Food rheology and food textural properties - Sensory evaluation - The total food chain - Metals in the food chain and modeling fate of PTS in the food chain - Analytical methods (XRF; LA-ICP-MS; rheometry) - Quantum Dots fate in the food chain

PROJECT	POSITION	Duration
COST ACTION 15215 - IPEMA	MC member and Coordinator of the Romanian network. Leader of Training and Education group, vice-leader of WG 6- Consumer and market behaviour	2016 - 2020
COST ACTION 1403 - POSITIVE Interindividual variation in response to consumption of plant food bioactives and determinants involved (POSITIVE)	MC member and Coordinator of the Romanian network	2014 - 2018
Funding body: UEFISCDE - Romania Natural preservatives for meat products in order to obtain functional and safe foods for maintaining consumers' health	Participant	2014 - 2016
FP7 – EIE /07/121 BioMotion - Biofuels in Motion Romanian partner grant : 120.000 EURO	- Coordinator of the BioMotion Tour Romania, -Team leader	2007- 2010
INVESTMENTS for INFRASTRUCTURE INTERDISCIPLINARY LABORATORY FOR HEAVY METALS ACCUMULATION IN THE FOOD CHAIN AND MODELING -HEVMETFOOD Funding body : ANCS -Program Capacitati -Contract 146CP/I/19.09.2007 Grant value: 2. 000.000 lei (~600 000 Euros)	Director	2007-2009
Funding body: UEFISCDI- Romania Contract nr 52175 -PARTENERIATE Evaluation of metals balance in Romanian agro-systems (Evaluarea bilantului de metale in Agrosistemele din Romania - METAGRO)	Coordinator of the USAMVB partner	2008-2011
Funding body: CNCIS – Romania Risk assessment and modelling of transport and accumulation of cadmium in the soil-plant system- RAMCAD. (Estimarea Riscului și Modelarea transportului și acumulării cadmiului în sistemul sol-plantă –aer)	Director	2006- 2008
FP5 / INCO-COPERNICUS /contract IC15-CT97-1003 Titlul proiectului: "Metals in the environment: Toxicity and Assessment of Limits" (1999-2005). <i>Coordonator University of Cambridge – (Marea Britanie)</i>	Team leader of the Romanian team (USAMVB)	1999-2005
ORIZONT 2000- Reduction of pollution in hill Romanian farms and rural settlements conservation (Reducerea poluării mediului în fermele românești de deal și conservarea așezărilor rurale)	Collaborator for the research them: Cd and Pb in soils and agricultural products	1995-1997
Funding body: MINISTRY OF EDUCATION ROMANIA Ecological significance of the presence of some heavy metals in agricultural and forest soils,(Semnificația ecologică a prezenței unor metale grele în unele soluri agricole și silvice) .	Director	1994
Funding body: MINISTRY OF EDUCATION ROMANIA "Actual methods for investigation in soil and atmosphere physics (Metode actuale de investigare în fizica solului și atmosferei) .	Collaborator For the development of ICP-OES analytical methods	1993