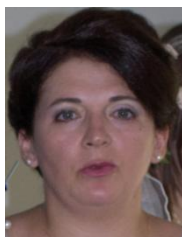


PERSONAL INFORMATION



Liliana MIHALCEA (GÎTIN)

📍 111 Domneaca Street, 800201, Galați, Romania

☎ +40 336 130 185 📠 +40 766 548 574

✉ Liliana.Gitin@ugal.ro, liliana.gitin@gmail.com

Sex F | Date of birth 11/06/1974 | Nationality Romanian

WORK EXPERIENCE

2016 – present Vice Dean

Faculty of Food Science and Engineering, Dunarea de Jos University of Galati, Romania

- ⇒ Member of the Council for Scientific Research from Dunarea de Jos University of Galati (UDJG)
- ⇒ Member of the Commission for Organization and Infrastructure of Research Units
- ⇒ Reports on scientific research at faculty level and communication to UDJG
- ⇒ Organizing the Scientific Students Communication Session at faculty level
- ⇒ Update the faculty website www.sia.ugal.ro

September 2014 – present Associate Professor

Faculty of Food Science and Engineering, Dunarea de Jos University of Galati, Romania

⇒ Teaching activity carried out to the disciplines:

- ✓ Equipment in the food industry (license, IV, IPA, CEPA, PIP)
- ✓ Special food processing technologies (license, III IPA)
- ✓ Food safety in minimal processing foods (master, II CESA)

- ⇒ Coordination of the PhD and master students for research activities
- ⇒ License projects with the students from IPA and IMAPA programs

2011 Postdoctoral project (POSDRU/89/ 1.5/S/52432)

- ⇒ Research activities on conventional and supercritical fluid extractions of *Allium* plants, PGSS and PGSS-drying encapsulation methods
- ⇒ Elaboration of monthly activities reports
- ⇒ International research internship at the University of Valladolid, Faculty of Sciences, Department of Chemical Engineering and Environmental Protection, High Pressure Processing Group (June – August 2011)
- ⇒ Final research report (December 17, 2011).
- ⇒ Dissemination the results in ISI, BDI publications and participation in international and national conferences (https://www.spd-biotech.ugal.ro/index.php?p=grup_tinta)

2007 - 2014 Lecturer Dr.

⇒ Didactic activities according to the university curriculum:

- ✓ Special food processing technologies (license, III IPA)
- ✓ Unit operations in the food industry (license, II IPA)
- ✓ Unit operations in public catering and agro-tourism (license, II IMAPA)

- ✓ Unconventional food processing technologies (master, I IMAPA)
- ✓ Packaging and design in the food industry (license, IV IPA, CEPA, PIP)
- ✓ Biophysics and transfer phenomena (license, I BIA)
- ✓ Guiding students for the licensing projects (IPA, IMAPA, BIA)

⇒ Research activities with masters students (dissertation thesis at CESA, IMAPA programs)

2001 - 2007 Assistant & PhD student

⇒ Didactic activities for seminars and laboratories:

- ✓ Biophysics and Transfer Phenomenon (license, BIA)
- ✓ Unitary operations in the food industry (license, II IPA, IMAPA)
- ✓ Special food processing technologies (license, III IPA)

⇒ Coordinator of the diploma projects with BIA, IMAPA students.

1999 - 2001 Preparator PhD student

⇒ Didactic activities for seminars and laboratories:

- ✓ Biophysics and Transfer Phenomenon (license, BIA)
- ✓ Unitary operations in the food industry (license, II IPA, IMAPA)

EDUCATION AND TRAINING

1999 - 2007 PhD. student

PhD thesis: Kinetic Studies Concerning Catalytic Behaviour and Stability of Lipase in Food Systems at Dunarea de Jos University of Galati, Romania (public presentation on February 2007).
Coordinator: Professor Dr. Traian Hopulele.

2005 May – December PhD research

Marie Curie Fellowship, code HPMT-GH-01-00418-17, EU Project FP-5 - *Enzymatic Reactions in Dense Gases*

Faculty of Chemistry and Chemical Engineering, University of Maribor, Slovenia

Coordinator: Professor Maja Habulin

2001 August – October Researcher

International project FEPIN “Leonardo da Vinci”, “*Formation en entreprise – partenariat pour l’integration*”, at S.C. Biochem S.A. Mons, Belgia, project financed by the General Association of the Engineers from Romania & EU & EU by IBC Co. Belgium..

1999 – 2000 Master student

Food control and expertise program at Faculty of Food Science and Engineering, Dunarea de Jos University of Galati, Romania

1993 – 1998 License program

Technology and quality control of food products program at Faculty of Food Industry, Aquaculture and Fisheries, Dunarea de Jos University of Galati, Romania

1989 – 1993 Bachelor degree

Ghe. Asachi College Galati (physic-chemistry program)

PERSONAL SKILLS

Mother tongue	Romanian language				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Spanish	A1/A2	A1/A2	A1/A2	A1/A2	A1/A2
Communication skills	Respect, feedback, listening, friendliness, confidence				
Organisational / managerial skills	<ul style="list-style-type: none"> ✓ Creating and keeping deadlines ✓ Team project management ✓ Teamwork ✓ Coordination events (The Student's Scientific Communication Session 2016 - 2018, The Night of the Researchers at faculty level 2015 – 2017) ✓ Managing appointments 				
Digital skills	Independent user for information processing, communication and content creation for office suite (word processor, spread sheet, presentation software)				
Driving licence	B				

ADDITIONAL INFORMATION
ISI Articles (selection)

Liliana Mihalcea, Mihaela Turturică, Vasilica Barbu, Elena Ioniță, Livia Pătrașcu, Mihaela Cotârleț, Loredana Dumitrașcu, Iuliana Aprodu, Gabriela Râpeanu, Nicoleta Stănciuc. (2018). Transglutaminase mediated microencapsulation of sea buckthorn supercritical CO2 extract in whey protein isolate and valorization in highly value added food products, *Food Chemistry*, 262, 30–38, <https://doi.org/10.1016/j.foodchem.2018.04.067> (IF = 4,529)

Liliana Mihalcea, Mihaela Turturica, Ioana Otilia Ghinea, Vasilica Barbu, Elena Ionita, Mihaela Cotarlet, Nicoleta Stanciuc. (2017). Encapsulation of carotenoids from sea buckthorn extracted by CO2 supercritical fluids method within whey proteins isolates matrices, *Innovative Food Science & Emerging Technologies*, 42, 120-129, <https://doi.org/10.1016/j.ifset.2017.06.008> (IF = 2,573)

Bleoancă, I., Saje, K., **Mihalcea, L.**, Oniciuc, E.A, Smole-Mozina, S., Nicolau, A.I., Borda, D. (2016). Contribution of high pressure and thyme extract to control *Listeria monocytogenes* in fresh cheese - A hurdle approach, *Innovative Food Science and Emerging Technologies*, 38 (A):7-14, DOI: 10.1016/j.ifset.2016.09.002 (IF = 2,997)

Liliana Gițin, Rodica Dinică, Loredana Dumitrascu, Camelia Neagu. (2014). Sulfur compounds identification and quantification from *Allium* spp. fresh leaves, *Journal of Food and Drug Analysis*, 22 (4),425 – 430. DOI: 10.1016/j.jfda.2014.04.002. (IF = 0,333).

Liliana Gițin, Rodica Dinică, Raluca Parnavel. (2012). The Influence of Extraction Method on the Apparent Content of Bioactive Compounds in Romanian *Allium* spp. Leaves. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 40(1), 93 – 97. <http://notulaeobotanicae.ro/nbha/issue/view/207>. (IF = 0.652).

Gițin Liliana, Alexandru Rodica, Buzia Olimpia, Deju Maria. (2011). Food Pathological Aspects Concerning the Health State of the Population from Galați Area, *Journal of Environmental Protection and Ecology*, 2, 526 – 53. (IF = 0,102 și SRI= 0,041)

Andronoiu Doina Georgeta, Gițin Liliana, Botez Elisabeta, Mocanu Gabriel – Dănuț. (2011). Researches Concerning the Production and Characterization of Dessert with Fresh Cheese and Peach Pulp, *Journal of Environmental Protection and Ecology*, 2, 502- 508. (IF=0,102 și SRI= 0,041)

Mocanu D., Botez E., Andronoiu D., Gițin L. (2011). Researches concerning the production of a fermented dairy drink with added carrot juice, *Journal of Environmental Protection and Ecology*, 2, 718 – 726, ISSN

1311-5065. (IF=0,102 și SRI= 0,041)

ISI Proceedings

Stoica Maricica, Dima Cristian-Vasile, Coman Gigi, Alexe Petru, **Mihalcea Liliana**. (2018). Effect of low-nitrite concentration on Romanian consumer preferences for a new parizer pork product, Proceedings of the 1st International Conference on Life Sciences, 1056 – 1062, Filodiritto Publisher, ISBN 978-88-85813-24-3.

Cristian Dima, **Liliana Gîtin**, Petru Alexe, Stefan Dima. (2013). Encapsulation of coriander essential oil in alginate and alginate/chitosan microspheres by emulsification external gelation method, Book of Proceedings of InsideFood Symposium, 9-12 April 2013, Leuven, Belgium, <http://www.insidefood.eu/proceedings.awp>

BDI Articles

Liliana Mihalcea, Iulia Bleoancă, Cătălina Mihai, Daniela Borda. (2017). Osmotic pressure influence on the vegetable chips dehydration process, Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry, 18 (1), 051-059.

Maria Gh. Garnai, Daniela D. Borda, Camelia Vizireanu, **Liliana I. Mihalcea**. (2017). Temperature influence on the Tagetes Erecta L. Flowers dehydration process, Journal of Agroalimentary Processes and Technologies 2017, 23 (1), 52-58

Mihalcea, L., Bucur, F., Cantaragiu, A.M., Gurgu, L., Borda, D., Iordachescu, G. (2016). Temperature influence on the Agaricus bisporus mushrooms dehydration process, Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry, 17 (4), 323-333.

Stoica, Maricica, Alexe, Petru, **Mihalcea, Liliana**. (2014). Atmospheric Cold Plasma As New Strategy For Foods Processing - An Overview, *Innovative Romanian Food Biotechnology*, 15, 1-8.

Liliana Mihalcea (Gîtin), Maricica Stoica, Cristian Dima, Petru Alexe. (2013). Unconventional techniques for the extraction of bioactive compounds from various plants, Journal of Agroalimentary Processes and Technologies, 19(2), 204-207.

Stoica, M., **Mihalcea, L.**, Borda, D., Alexe, P. (2013). Non-thermal novel food processing technologies. An overview, Journal of Agroalimentary Processes and Technologies, 19(2), 212-217, ISSN 1453-1399.

Corina Neagu, **Liliana Gîtin**, Daniela Borda. (2013). The effect of intense light pulsed treatment on *Aspergillus flavus* (MI 148) spores. Journal Food and Environment Safety, Food Engineering, XII(1), 18-23.

Mihaela Roxana Cirimbei, Rodica Dinică, **Liliana Gîtin**, Camelia Vizireanu. (2013). Study on herbal actions of horseradish (*Armoracia rusticana*), Journal of Agroalimentary Processes and Technologies, 19(1), 111-115, ISSN: 2069-0053

Cristina Popovici, **Liliana Gîtin**, Petru Alexe (2012). Characterization of Walnut (*Juglans regia* L.) Green Husk Extract Obtained by Supercritical Carbon Dioxide Fluid Extraction, Journal of Science, Technique and Technologies Food and Packaging, 1, 5-9. ISSN 1314-7420, <http://mahvp.uft-plovdiv.bg>

Liliana Gîtin, Salima Varona, Maria José Cocero Alonso. (2011). Encapsulation of garlic essential oil by batch PGSS process. *Innovative Romanian Food Biotechnology*, 9, 60-67.

Vînătoru C., Neicu – Teodorescu Eliza, **Gîtin Liliana**. (2011). New achievements regarding sweet pepper breeding (*Capsicum annuum* L.) obtained at V.R.D.S. Buzău, *Lucrari Stiintifice Seria Horticultura*, 54(1), 321-326, USAMV Ion Ionescu de la Brad Iasi.

Stoica M., Dinică R., **Gîtin L.**, Grozavu C., Cârâc G., 2011. Electrochemical behavior of Stainless Steel in Oxonia-Active with *Geotrichum candidum*, *Innovative Romanian Food Biotechnology*, 9, 29-34.

Elena Alexandra Oniciuc, **Liliana Gîtin**, Sorin Ciortan, Nicoleta Maftei (Aron), Anca Nicolau. (2010). Intense Light Pulses Effect on Fungal Burden of Mustard and Black Pepper, *Food and Environment Safety (The Annals of the Stefan cel Mare University Suceava – Food Engineering)*, 4, 112-117.

Mihaela Aida Vasile, **Liliana Gîtin**. (2010). The influence of minimal processing on the nutritional and microbiological quality of leafy vegetables, *Ovidius University Annals of Chemistry*, 21 (2), 123 - 128, ISSN-1223-7221, Ovidius University Press.

Mocanu G.D., Rotaru G., Botez E., **Gîtin L.**, Andronoiu D.G., Nistor O., Vlăsceanu G., Dune A. (2009). Sensory evaluation and rheological behavior of probiotic dairy products with *Rosa canina* L. and *Glycyrriza glabra* L. extracts. *Innovative Romanian Food Biotechnology*, 4, 32 – 39.

Gabriel – Dănuț Mocanu, Gabriela Rotaru, Elisabeta Botez, Aida Vasile, Doina Andronoiu, Oana Nistor, **Liliana Gîtin**, Gabriela Vlăsceanu, Alina Dune. (2009). Research concerning the production of a probiotic dairy product with added medicinal plant extracts. The Annals of the University Dunarea de Jos of Galati, Fascicle VI – Food Technology, 37–44.

Gabriel – Dănuț Mocanu, Gabriela Rotaru, Elisabeta Botez, Aida Vasile, Doina Andronoiu, Oana Nistor, **Liliana Gîtin**, Gabriela Vlăsceanu, Alina Dune. (2009). Sensorial characteristics and rheological properties of probiotic product „Cătinolact”, The Annals of the University Dunarea de Jos of Galati, Fascicle VI – Food Technology, 64–69.

Elisabeta Botez, **Liliana Gîtin**, Doina Georgeta Andronoiu, Gabriela Danut Mocanu (2008). Fresh dairy, appetizer type: sensorial and rheological aspects, Journal Scientific Study & Research – Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol. IX, no.2, 207 – 212.

Botez Elisabeta, **Gîtin Liliana**, Andronoiu Doina Georgeta, Mocanu Dănuț Gabriel, Ștefănescu Alina. (2008). Research on production and description of fresh dairy, appetizer type, Journal of Agroalimentary Processes and Technologies, 14, ISSN 1453-1399, 166-172.

Liliana Gîtin, Traian Hopulele (2007). Anova analysis upon the influence of hydrogen peroxide used in sunflower oil epoxidation, Annals of the Suceava University – Food Engineering, Year VI, vol I, 113 – 118, ISSN 1842 – 459.

Gîtin L., Habulin, M., Knez, Ž., Hopulele, T. (2006). Thermodynamic parameters for the enzymatic epoxidation of sunflower oil at atmospheric pressure with enzyme incubated at 20 MPa in SC CO₂, Roumanian Biotechnological Letters , 11(6), 3015-3020, ISSN: 1224-5984.

Gîtin L., Habulin, M., Knez, Ž., Hopulele, T. (2006). Approximation of the thermodynamic parameters for the sunflower seed oil epoxidation reaction with enzyme treated under atmospheric pressure, Roumanian Biotechnological Letters, 11(6), 3021-3026, ISSN: 1224-5984.

Gîtin L., Habulin, M., Knez, Ž., Hopulele, T. (2006). Studies concerning lipase stability in batch-stirred-tank reactor under supercritical conditions, Roumanian Biotechnological Letters 11(2), 2669-2674, ISSN: 1224-5984

Gîtin L., Habulin, M., Knez, Ž. (2005). Optimization of temperature and the amount of the enzyme in the chemo-enzymatic epoxidation of sunflower oil, The Annals of the University Dunarea de Jos of Galati, Fascicle VI: Food Technology, 23(2), 1-4. ISSN 1221-4574.

Gîtin, L., Habulin, M., Knez, Ž., Hopulele, T. (2006). Some parameters optimization for enzymatic epoxidation reaction of sunflower seed oil at atmospheric pressure and 40°C, The Annals of the University Dunărea de Jos of Galați, Fascicle VI, Food Technology , 28 – 32.

Alexandru R., Zara M., **Gîtin L.**, Vasile A. (2004). Accumulation d'entropie par le processus – une évaluation des technologies alimentaires conventionnelles, COFrRoCA 2004 – Ed Alma Mater Bacău (ISBN 973-8392-36-5), Tehnica-Info Chisinau (ISBN 9975-63-183-5)

Alexandru, R., Iordăchescu, G., **Gîtin, L.** (2001). Researches concerning the influence of the Food Texture and Microstructure on Sensorial Perception, The Annals of University „Dunărea de Jos” Galați, Fascicle VI, Food Technology, 41 – 46, ISSN 1221 – 4574.

Patent pending

Stoica Maricica, Alexe Petru, **Mihalcea Liliana**, Dima Cristian Vasile. Parizer din carne de porc cu cătină, fără nitrit, OSIM A/00353/2018.

Stănciuc, N., **Mihalcea, L.**, Râpeanu, G. (2017). Appetizing biscuits with sea buckthorn extract obtained by extraction with supercritical fluids and appetizing biscuits with sea buckthorn extract micro-encapsulated in whey proteins and technologies for their production. OSIM registration number A/00289/2017.

Mihalcea Liliana. Parizer din carne de porc cu șrot de cătină fără adaos de nitrit (depunerea documentației înregistrate la OSIM A/001169/22.12.2017).

Projects (selection)

01.107.2018 – 16.07.2018 – Director - PNCDI III, P1-SP 1.1, cod proiect PN-III-P1-1.1-MC2018-0924, Engineering Sciences, Burgos University, Sciences Faculty, Industrial and Environmental Biotechnology Research Group

2018 – 2021 Member - Consortium Complex Project, PN-III-P1-1.2-PCCDI-2017-056, 10PCCDI/2018, „Închiderea lanțurilor de valoare din bioeconomie prin obținerea de bioproduse inovative cerute de piață ” acronym PRO-SPER

2010 – 2014, Executive Director, FEDR Project, POR 2007-2013, Priority Axis 3 - Improvement of Social Infrastructure, Major Area of Intervention 3.4, project title Rehabilitation, upgrading and re-equipping the educational infrastructure to create in Galati a field of education and technological research in the field of food science and engineering, contract no. SE/22/3/3.4/ 199/19.06.2009, cod SMIS 11377, buget 14,072,341.85 lei. (3,272,638 Eur) <http://www.sia.ugal.ro/respia/index.html>

2016-2018, Member Bridge Grant project (Transfer of knowledge to the economic agent) Contract no. 31BG/2016 – PN-III-P2-2.1-BG-2016-0417, Optimization of Sturgeon Enhanced Growth Technology by Using Additive Feed with Bioactive Compounds FITOBIOACVA. Responsible for supercritical CO2 extraction of sea buckthorn and thyme to obtain the extract for supplementing fish feed.

2011 Postdoctoral Project, Contract POSDRU/89/ 1.5/S/52432

2011 – 2014, Member international project Safe Food for Europe, acronym FOODSEG (FP7).

2008 – 2011, Member contract PNCDI nr. 52-132/01.10.2008, FIBRESIG (<http://www.fibresig.ugal.ro/>)

2005, EU-MARIE-CURIE Project, HPMT-GH-01-00418-17, Enzymatic Reactions in Dense Gases, Separations Processes Lab., Chemical Engineering Chemistry Faculty, Maribor University, Slovenia. Bugetul proiectului 9600 euro.

August – Octombrie 2001, Program internațional FEPIN “Leonardo da Vinci” - “Formation en entreprise – partenariat pour l’integration”, Biochem S.A. Mons, Belgia, financed by AGIR and European Community through IBC Belgia. Budget 2400 euro.

129 citations (H index = 8 on Google Academic and H index = 3 on ISI web of Knowledge and Scopus)
3 awards for research activities (articles) from UEFISCDI Romania, **6 Gold medals and diplomas** for patents at Proinvent 2018, Inventica 2018 and Euroinvent 2018..

Member of General Association of Engineers in Romania AGIR (2001 – 2016), The Association of Applied Biotechnology Specialists ASBA (2008 – 2015).

Date,

20.11.2018

Signature,

Assoc. Professor Dr. Liliana MIHALCEA

