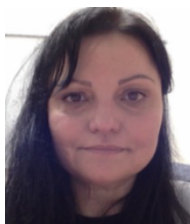


PERSONAL INFORMATION



Ramona Suharoschi (nee Laslo)

 3-5 Calea Manastur St, 400372 Cluj-Napoca (Romania) 

(+40) 264 596384

 ramona.suharoschi@usamvcluj.ro 

www.usamvcluj.ro

 Skype Ramona Suharoschi

WORK EXPERIENCE

01/10/2017–Present	Professor University of Agricultural Sciences and Veterinary Medicine of Cluj, Cluj-Napoca (Romania)
10/2015–Present	Director of Food Science Department University of Agricultural Sciences and Veterinary Medicine of Cluj,, Cluj-Napoca (Romania)
01/10/2014–01/10/2016	Associate Professor University of Agricultural Sciences and Veterinary Medicine of Cluj, Cluj-Napoca (Romania)
22/02/2005–01/10/2014	Lecturer University of Agricultural Sciences and Veterinary Medicine of Cluj, Cluj-Napoca (Romania)
11/02/2002–21/02/2005	Assistant professor University of Agricultural Sciences and Veterinary Medicine of Cluj, Cluj-Napoca (Romania)
15/02/1999–11/02/2002	Teaching Professor University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Cluj-Napoca (Romania) Teaching and research activities Education and research
01/09/1997–15/02/1999	medical doctor Cluj County Hospital, Gynecology Clinic I of Cluj-Napoca, Cluj-Napoca (Romania) - Health care - Hospital
2008–2011	QA at Food Industry and Science Department University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania, Cluj- Napoca (Romania) QAS
2007–2010	Researcher – proteomics determination Oncologic Institute - Prof. Dr.I. Chiricuta Cluj-Napoca, Cluj-napoca (Romania) Researcher
2008–2010	Researcher – proteomics determination University „Iuliu Hatieganu” of Medicine and Pharmacy of Cluj-Napoca, Cluj-Napoca (Romania) Researcher
2007–2009	Evaluation expert UEFISCDI, Bucharest (Romania) Research grant evaluation
2004–2006	QA at Food Quality Laboratory Food Quality and Testing Laboratory, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Cluj-Napoca (Romania)

EDUCATION AND TRAINING

08/2003–06/2004	PhD fellowship - Marie Curie Fellowship University of Ulster, Corelaine, Northern Ireland, Corelaine (United Kingdom) PhD research	EQF level 8
07/2002–07/2003	PhD fellowship University of Nevada, Reno, NV, USA, Reno (United States) visiting researcher analyst	EQF level 8
01/10/2001–12/12/2007	PhD University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Cluj-Napoca (Romania) PhD in veterinary medicine: »in vitro and in silico Prostate cancer studies«	EQF level 8
01/10/1999–30/06/2000	Certificate Postuniversities studies MAICh, Mediterranean Agronomic Institute of Chania, Crete, Greece, Chania (Greece) constituent institute of CIHEAM, dedicated to postgraduate and specialised education, applied research and the development of Mediterranean agriculture	EQF level 7
15/09/1989–30/09/1996	Medical Doctor, Physician	EQF level 6

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Italian	A2	A2	A1	A1	A2
French	A2	A2	A1	A1	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user Common European Framework of Reference for Languages

Communication skills good communication skills gained during my experience as doctoral fellow in international research groups and as a member in national and international research projects

Organisational / managerial skills Coordinator of post-university course (from 2013): Formation of specialists of Food Safety Management Systems (FSMS) in conformity with HACCP (Hazard Analysis Critical Control Point), GMP (Good Manufacturing Practice), GLP (Good Laboratory Practice), GHP (Good Hygiene Practice)
Co-coordinator of MSc study programme Gastronomy, Nutrition and Dietetics (2014 Romanian & 2015 English)
Departmental Erasmus Coordinator
Director of Food Science Department (since 2015)

Job-related skills: Technical skills in the field of immunology/biochemistry/molecular biology: in vivo/ ex-vivo: microarray, RT-PCR, ELISA, Western blott, protein array, antibody array; ArrayExpress; GEO; Metaproteomics; Laboratory SOP (cell culture lab), MIAME, MIAPE-DE, MIAPE, MIQE, MIAR, MIBB

Expertise domains: Molecular Biology; Pangenomics research; Transcriptomics: Gene expression arrays; RNA interference (RNAi) arrays; MicroRNA (miRNA) arrays

Microarray analysis (Axon, Affymetrix, Agilent platform): Data normalization & statistical analysis of microarray data; Metadata analysis; Differential gene expression analysis; Datamining

-microarray data validation (wet validation: RT-PCR; in silico validation)

-recombinant DNA: RT-PCR, PCR

Proteomics (Protein arrays; Peptide arrays; Antibody arrays; ELISA arrays; Reverse Phase Arrays); expression and characterization of recombinant proteins ; proteomics profile (gel- basedproteomics: 2D-GE); WB, ELISA

Bioinformatics

Gene Regulation Networks (KEGG; DDBJ; EBI; PDB, HSSP; DSSP; RCBS: SAM; UniProt Knowledge; KnowledgeNet, PDQuestTM, Quantity OneTM, GraphPad, Ensemble, JIGSAW, KEGG, NCBI, EMBO, SAM, CARMAweb, GeneCard, SAGE, SOURCE, SMART, UniProtKB, PROSITE, HAMAP, SwissVar, ViralZone, SWISS-MODEL Repository, SWISS-2DPAGE, World-2DPAGE Repository, MIAPEGelDB, ENZYME, GlycoSuiteDB, UniPathway, CHROMA, STRING, Cn3D, Aldente, FindMod, FindPept, GlycoMod, Mascot, PepMAPPER, ProFound, ProteinProspector), Bioconductor, R, Phyton

In silico discovery and validation of biomarkers (genomics and proteomics data overlapping) – open platform development (dr. IL Muntean – UTCN, dr. C Iuga – UMF Cluj)

Digital skills

SELF-ASSESSMENT

Information processing	Communication	Content creation	Safety	Problem- solving
Independent user	Proficient user	Proficient user	Independent user	Independent user

Digital skills - Self-assessment grid: PC, Office, IT; R, Python, Galaxy

ADDITIONAL INFORMATION

WEB OF KNOWLEDGE LIST OF PAPERS

1. Food Safety System (HACCP) as Quality Checkpoints in a Spin-Off Small-Scale Yogurt Processing Plant. Muresan, CC ; Marc, RA; Jimborean, M; Rusu, I ; Muresan, A; Nistor, A; Cozma, A; Suharoschi, R; SUSTAINABILITY, Volume 12 Issue 22 Published 2020. WOS:000594568000001 (IF = 2.576) [Q2: ENVIRONMENTAL SCIENCES; Q3: GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY]
2. An Overview of Gut Microbiota and Colon Diseases with a Focus on Adenomatous Colon Polyps. Pop, OL; Vodnar, DC; Diaconeasa, Z ; Istrati, M; Bintintan, A ; Bintintan, VV; Suharoschi, R; Gabbianelli, R. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, Volume 21 Issue 19 Published 2020. WOS:000586437800001 (IF = 4.556) [Q1: BIOCHEMISTRY & MOLECULAR BIOLOGY]
3. Insights on Health and Food Applications of Equus asinus (Donkey) Milk Bioactive Proteins and Peptides-An Overview. Derdak, R; Sakoui, S ; Pop, OL; Muresan, CI; Vodnar, DC ; Addoum, B ; Vulturar, R; Chis, A; Suharoschi, R; Soukri, A; El Khalfi, B. FOODS, Volume 9 Issue 9 Published 2020. WOS:000581349500001 (IF=4.092) [Q1: FOOD SCIENCE & TECHNOLOGY]
4. Cerium Oxide Nanoparticles and Their Efficient Antibacterial Application In Vitro against Gram-Positive and Gram-Negative Pathogens. Pop, OL; Mesaros, A; Vodnar, DC; Suharoschi, R ; Tabaran, F ; Magerusan, L; Todor, IS ; Diaconeasa, Z; Balint, A ; Ciontea, L ; Socaciu, C. NANOMATERIALS, Volume 10 Issue 8 Published 2020. WOS:000564684300001 (IF=4.324) [Q2: NANOSCIENCE & NANOTECHNOLOGY]
5. Iron Supplementation Influence on the Gut Microbiota and Probiotic Intake Effect in Iron Deficiency- A Literature-Based Review. Rusu, IG; Suharoschi, R; Vodnar, DC; Pop, CR; Socaci, SA; Vulturar, R; Istrati, M; Morosan, I ; Farcas, AC; Kerezsi, AD; Muresan, CI; Pop, OL. NUTRIENTS, Volume 12 Issue 7 Published 2020. WOS:000554312400001 (IF= 4.546) [Q1: NUTRITION & DIETETICS]
6. Effects of silver and gold nanoparticles phytosynthesized with Cornus mas extract on oral dysplastic human cells. Baldea, I; Florea, A; Olteanu, D; Clichici, S; David, L; Moldovan, B; Cenariu, M; Achim, M; Suharoschi, R ; Danescu, S ; Vulcu, A; Filip, GA. NANOMEDICINE, Volume 15 Issue 1 Page 55-75 Published 2020. WOS:000504090800005 (IF=4.3)[Q1: BIOTECHNOLOGY & APPLIED MICROBIOLOGY; Q2: NANOSCIENCE & NANOTECHNOLOGY]
7. Edible Films and Coatings Functionalization by Probiotic Incorporation: A Review. Pop, OL; Pop, CR ; Dufrechou, M; Vodnar, DC ; Socaci, SA; Dulf, FV; Minervini, F ; Suharoschi, R. POLYMERS, Volume 12 Issue 1 Published 2020. WOS:000519848300012 (IF=3.426) [Q1: POLYMER SCIENCE]
8. Relationship between cachexia and perineural invasion in pancreatic adenocarcinoma. Petrusel, L ; Rusu, I; Leucuta, DC ; Seicean, R ; Suharoschi, R; Zamfir, P; Seicean, A. WORLD JOURNAL OF GASTROINTESTINAL ONCOLOGY, Volume 11 Issue 12 Page 1126-1140 Published 2019. WOS:000512758200004 (IF = 2.898) [Q3: GASTROENTEROLOGY & HEPATOLOGY; Q3: ONCOLOGY]
9. DNA Methylation and Micro-RNAs: The Most Recent and Relevant Biomarkers in the Early Diagnosis of Hepatocellular Carcinoma. Cozma, A; Fodor, A ; Vulturar, R; Sitar-Taut, AV (Sitar-Taut, Adela-Viviana)[1] ; Orasan, OH (Orasan, Olga Hilda)[1] ; Muresan, F; Login, C; Suharoschi, R . MEDICINA-LITHUANIA, Volume 55 Issue 9 Published 2019. WOS:000490752800100 (IF=1.205) [Q3: MEDICINE, GENERAL & INTERNAL]
10. Clinical and genetic predictors of diabetes drug's response. Fodor, A; Cozma, A; Suharoschi, R ; Sitar-Taut, A ; Roman, G , DRUG METABOLISM REVIEWS, Published 2019. WOS:000484080900001 (IF = 3.956) [Q1: PHARMACOLOGY & PHARMACY]
11. Pharmacogenetic Implications of eNOS Polymorphisms (Glu298Asp, T786C , 4b/4a) in Cardiovascular Drug Therapy. Cozma, A; Fodor, A; Orasan, OH; Vulturar, R; Sampelean, D; Negrean, V; Muresan, C; Suharoschi, R ; Sitar-Taut, A . IN VIVO, Volume 33 Issue 4 Page 1051-1058 Published 2019. WOS:000474906500006 (IF=1.541) [Q4: MEDICINE, RESEARCH & EXPERIMENTAL]
12. Collaborative platform development in nutrition as support for cardiovascular patients' rehabilitation. Sitar-Taut, DA ; Sitar-Taut, AV; Mican, D ; Cozma, A; Orasan, OH (Orasan, Olga Hilda)[2] ; Muresan, C; Suharoschi, R ; Negrean, V; Sampelean, D; Vulturar, R ; Zdrenghea, DT ; Pop, D; Dogaru, G; Dadarlat, A ; Fodor, A. BALNEO RESEARCH JOURNAL, Volume 10 Issue 2 Page 139-144 Published 2019. WOS:000475484800012

13. UV-light mediated green synthesis of silver and gold nanoparticles using Cornelian cherry fruit extract and their comparative effects in experimental inflammation. Filip, GA; Moldovan, B ; Baldea, I; Olteanu, D; Suharoschi, R ; Decea, N ; Cismaru, CM ; Gal, E; Cenariu, M ; Clichici, S; David, L. JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, Volume 191 Page 26-37 Published 2019. WOS:000458711800005 (IF=4.383)[Q2: BIOCHEMISTRY & MOLECULAR BIOLOGY; Q1: BIOPHYSICS]
14. A COMPARISON BETWEEN INSULIN RESISTANCE SCORES PARAMETERS IN IDENTIFYING PATIENTS WITH METABOLIC SYNDROME. Cozma, A ; Fodor, A; Orasan, OH; Suharoschi, R; Muresan, C; Vulturar, R ; Sampelean, D; Negrean, V ; Pop, D ; Sitar-Taut, A . STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, Volume 64 Issue 1 Page 147-159 Published 2019. WOS:000462879600012 (IF=0.494) [Q4: CHEMISTRY, MULTIDISCIPLINARY]
15. Alfalfa Leaf Powder and its Potential Utilisation in Raw Vegan Chocolate. Tiplea, R; Suharoschi, R; Leopold, L; Fetea, F; Socaci, SA; Vodnar, DC ; Pop, OL. BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY, Volume 76 Issue 1 Page 74-78 Published 2019. WOS:000470756300010
16. Impact of protein metabolic conversion and volatile derivatives on gluten-free muffins made with quinoa sourdough. Chis, MS ; Paucean, A ; Stan, L ; Suharoschi, R; Socaci, SA; Man, SM; Pop, CR ; Muste, S. CYTA-JOURNAL OF FOOD, Volume 17 Issue 1 Page 744-753 Published 2019. WOS:000488992200001 (IF=1.653)
17. Dietary Fiber and Metabolism. Suharoschi, R; Pop, OL; Vlaic, RA; Muresan, CI ; Muresan, CC ; Cozma, A; Sitar-Taut, AV ; Vulturar, R ; Heghes, SC; Fodor, A; Iuga, CA. DIETARY FIBER: PROPERTIES, RECOVERY, AND APPLICATIONS. Page 59-77 Published 2019. WOS:000560024900004
18. Prebiotics and Dairy Applications. Pop, OL ; Salanta, LC ; Pop, CR ; Coldea, T; Socaci, SA ; Suharoschi, R ; Vodnar, DC. DIETARY FIBER: PROPERTIES, RECOVERY, AND APPLICATIONS, Page 247-277 Published 2019. WOS:000560024900009
19. Protein metabolic conversion of nutritional features during quinoa sourdough fermentation and its impact on baked goods. Chis, MS; Paucean, A ; Stan, L ; Muste, S; Suharoschi, R ; Man, SM. JOURNAL OF BIOTECHNOLOGY, Volume 280 Page S64-S64 Published 2018 . WOS:000454825900205 (IF=3.503)
20. EVALUATION OF ENERGY AND NUTRIENT INTAKE FROM FOOD OF LACTATING MOTHERS IN A ROMANIAN SAMPLE. Heghes, SC ; Gavrilas, LI ; Pralea, IE ; Filip, L ; Cozma-Petrut, A; Iuga, CA ; Suharoschi, R ; Miere, D. FARMACIA, Volume 66 Issue 2 Page 243-247 Published 2018. WOS:000431275100008 (IF=1.607)
21. Unhealthy lifestyle and the risk of metabolic syndrome- the Romanian experience. Cozma, A ; Sitar-Taut, A; Urian, L ; Fodor, A ; Suharoschi, R; Muresan, C ; Negrean, V ; Sampelean, D; Zdrenghea, D ; Pop, D ; Daniel, L; Orasan, OH. JOURNAL OF MIND AND MEDICAL SCIENCES, Volume 5 Issue 2 Page 218-229 Published 2018. WOS:000446219300011
22. Characterization of a Sea Buckthorn Extract and Its Effect on Free and Encapsulated Lactobacillus casei. Pop, OL; Dulf, FV; Cuibus, L; Castro-Giraldez, M ; Fito, PJ ; Vodnar, DC; Coman, C ; Socaciu, C; Suharoschi, R . INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, Volume 18 Issue 12 Published 2017. WOS:000418896700017 (IF= 4.556)
23. Obtaining a Functional Product Through the Exploitation of Mushroom Flour in Pasta. Muresan, CC; Farcas, A; Man, S; Suharoschi, R; Vlaic, RA. BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY, Volume 74 Issue 1 Page 17-22 Published 2017. WOS:000408457100003
24. Antioxidant activity of Cornelian cherry (Cornus mas L.) fruits extract and the in vivo evaluation of its anti-inflammatory effects. Moldovan, B; Filip, A ; Clichici, S ; Suharoschi, R; Bolfa, P; David, L. JOURNAL OF FUNCTIONAL FOODS, Volume 26 Page 77-87 Published 2016. WOS:000386193400008 (IF=3.701) [Q1: FOOD SCIENCE & TECHNOLOGY; Q2: NUTRITION & DIETETICS]
25. L. PLANTARUM ATCC 8014 ENTRAPMENT WITH PREBIOTICS AND LUCERNE GREEN JUICE AND THEIR BEHAVIOR IN SIMULATED GASTROINTESTINAL CONDITIONS. Pop, OL ; Vodnar, DC; Suharoschi, R ; Mudura, E; Socaciu, C , JOURNAL OF FOOD PROCESS ENGINEERING, Volume 39 Issue 5 Page 433-441 Published 2016 (IF=1.703) [Q3: ENGINEERING, CHEMICAL; Q3: FOOD SCIENCE & TECHNOLOGY]

26. Stability Comparison of Free and Encapsulated Lactobacillus casei ATCC 393 in Yoghurt for Long Time Storage. Pop, OL ; Vodnar, DC; Suharoschi, R ; Socaciu, C. BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY, Volume 73 Issue 2 Page 99-104 Published 2016. WOS:000408454100007
27. Identification and Prevalence of Escherichia coli and Escherichia coli O157: H7 in Foods. Rotar, Ancuta M. ; Semeniuc, Cristina Anamaria ; Apostu, Sorin ; Pop, Carmen; Duma, Mihaela ; Suharoschi, Ramona ; Giura, Larisa . BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY, Volume 70 Issue 2 Page 139-140 Published 2013
28. The Manufacturing Process and Quality Control of a Holland Type Cheese. Semeniuc, Cristina Anamaria ; Rotar, Ancuta Mihaela ; Pop, Carmen ...More. BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY, Volume 70 Issue 2 Page 147-148 Published 2013
29. Experiences in Designing a Distributed Service-Oriented Platform for In-Silico Biomarker Discovery and Validation. Muntean, IL ; Rotaru, B ; Suharoschi, R; Iuga, C, IEEE 12TH INTERNATIONAL CONFERENCE ON BIOINFORMATICS & BIOENGINEERING, Page 74-79 Published 2012. WOS:000315332900019
30. Normalization for cDNA microarray data of gene expression profiles from the human prostate cancer cell lines (PC3) by Pre-Processing Two-Color Data. Bratfalean, D; Suharoschi, R ; Muresan, C; Agachi, SP ; Cristea, MV; Cormos, AM; Garrido, AG; Sanchez, MH, 19TH EUROPEAN SYMPOSIUM ON COMPUTER AIDED PROCESS ENGINEERING, Volume 26 Page 1033-1038 Published 2009. WOS:000287727900167
31. Genistein modulation of intricate signaling pathways underlying PC3 cells treatment. Suharoschi, R ; Rowland, I; Klocker, H ; Hancock, RL ; Pardini, RS ; Cormos, AM; Muresan, C ; Neagoe, I; Balacescu, O; Baba, AI. EJC SUPPLEMENTS, Volume 6 Issue 9 Page 151-151 Published 2008 . WOS:000257919000578 (IF=9.386)
32. Artificial neural networks to discover new differentially expressed genes into cDNA microarrays of genistein treated prostate cancer PC3 cells. Suharoschi, R; Coman, I; Klocker, H; Balacescu, O; Neagoe, I . FEBS JOURNAL, Volume 275 Page 345-345 Published 2008 . WOS:000256633301197 (IF=4.392) [Q2: BIOCHEMISTRY & MOLECULAR BIOLOGY]

Extended List of Publications:

- Baldea I, Florea A, Olteanu D, Clichici S, David L, Moldovan B, Cenariu M, Achim M, Suharoschi R, Danescu S, Vulcu A. Effects of silver and gold nanoparticles phytosynthesized with Cornus mas extract on oral dysplastic human cells. *Nanomedicine*. 2020 Jan;15(1):55-75.
- Pop OL, Pop CR, Dufrechou M, Vodnar DC, Socaci SA, Dulf FV, Minervini F, Suharoschi R. Edible Films and Coatings Functionalization by Probiotic Incorporation: A Review. *Polymers*. 2020 Jan;12(1):12.
- Petrusel L, Rusu I, Leucuta DC, Seicean R, Suharoschi R, Zamfir P, Seicean A. Relationship between cachexia and perineural invasion in pancreatic adenocarcinoma. *World Journal of Gastrointestinal Oncology*. 2019 Dec 15;11(12):1126.
- Fodor A, Cozma A, Suharoschi R, Sitar-Taut A, Roman G. Clinical and genetic predictors of diabetes drug's response. *Drug metabolism reviews*. 2019 Oct 2;51(4):408-27.
- Cozma A, Fodor A, Vulturar R, Sitar-Tăut AV, Orășan OH, Mureșan F, Login C, Suharoschi R. DNA Methylation and Micro-RNAs: The Most Recent and Relevant Biomarkers in the Early Diagnosis of Hepatocellular Carcinoma. *Medicina*. 2019 Sep;55(9):607.
- Cozma A, Fodor A, Orasan OH, Vulturar R, Sampelean D, Negrean V, Muresan C, Suharoschi R, Sitar-Taut A. Pharmacogenetic Implications of eNOS Polymorphisms (Glu298Asp, T786C, 4b/4a) in Cardiovascular Drug Therapy. *in vivo*. 2019 Jul 1;33(4):1051-8.
- Sitar-Tăut DA, Sitar-Tăut AV, Daniel M, Angela C, Olga HO, Crina M, Ramona S, Vasile N, Dorel S, Vulturar R, Zdrengea DT. Collaborative platform development in nutrition as support for cardiovascular patients' rehabilitation. *Balneo Research Journal*. 2019;10(2):139-44
- Filip GA, Moldovan B, Baldea I, Olteanu D, Suharoschi R, Decea N, Cismaru CM, Gal E, Cenariu M, Clichici S, David L. UV-light mediated green synthesis of silver and gold nanoparticles using Cornelian cherry fruit extract and their comparative effects in experimental inflammation. *Journal of Photochemistry and Photobiology B: Biology*. 2019 Feb 1;191:26-37.
- Chiș MS, Păucean A, Stan L, Suharoschi R, Socaci SA, Man SM, Pop CR, Muste S. Impact of protein metabolic conversion and volatile derivatives on gluten-free muffins made with quinoa sourdough. *CyTA-Journal of Food*. 2019 Jan 1;17(1):744-53.
- Țiplea R, Suharoschi R, Leopold L, Fetea F, Socaci SA, Vodnar DC, Pop OL. Alfalfa leaf powder and its potential utilisation in raw vegan chocolate. *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Food Science and Technology*. 2019;76(1):80-4.
- Cozma A, Fodor A, Orasan OH, Suharoschi RA, Muresan C, Vulturar R, Sampelean DO, Negrean VA, Pop DA, Sitar-Taut A. A COMPARISON BETWEEN INSULIN RESISTANCE SCORES PARAMETERS IN IDENTIFYING PATIENTS WITH METABOLIC SYNDROME. *Studia Universitatis Babeș-Bolyai, Chemia*. 2019

Jan 1;64(1).

Simona Codruta Heghes, Laura Ioana Gavrilas, Ioana Ecaterina Pralea, Lorena Filip, Anamaria Cozma-Petrut, Cristina Adela Iuga, Ramona Suharoschi, Doina Miere; 2018, EVALUATION OF ENERGY AND NUTRIENT INTAKE FROM FOOD OF LACTATING MOTHERS IN A ROMANIAN SAMPLE, FARMACIA 66 (2), 243-247

MS Chis, A Paucean, L Stan, S Muste, R Suharoschi, SM Man, 2018, Protein metabolic conversion of nutritional features during quinoa sourdough fermentation and its impact on baked goods, Journal of Biotechnology 280, S64

Angela Cozma, Adela Sitar-Taut, Laura Urian, Adriana Fodor, Ramona Suharoschi, Crina Muresan, Vasile Negrean, Dorel Sampelean, Dumitru Zdrenghea, Dana Pop, Leucuta Daniel, Olga Hilda Orasan; 2018, Unhealthy lifestyle and the risk of metabolic syndrome-the Romanian experience, Journal of Mind and Medical Sciences 5 (2), 218-229

Oana Lelia Pop, Francisc Vasile Dulf, Lucian Cuiibus, Marta Castro-Giráldez, Pedro J Fito, Dan Cristian Vodnar, Cristina Coman, Carmen Socaciu, Ramona Suharoschi, International Journal of Molecular Sciences, 2017, Characterization of a Sea Buckthorn Extract and Its Effect on Free and Encapsulated Lactobacillus casei, Int J Mol Sci. 2017 Nov 24;18(12). pii: E2513. doi: 10.3390/ijms18122513

C.C. Muresan, A.Farcas, S. Man, R. Suharoschi, R.A. Vlaic, 2017, Obtaining a Functional Product Through the Exploitation of Mushroom Flour in Pasta, BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY Volume: 74, Issue: 1, Pages: 17-22

OL Pop, DC Vodnar, R Suharoschi, E Mudura, C Socaciu Journal of Food Process Engineering, 2016, L. plantarum ATCC 8014 Entrapment with Prebiotics and Lucerne Green Juice and Their Behavior in Simulated Gastrointestinal Conditions, vol 39(5): 433-441, 2016,

B Moldovan, A Filip, S Clichici, R Suharoschi, P Bolfa, L David; 2016, Antioxidant activity of Cornelian cherry (Cornus mas L.) fruits extract and the in vivo evaluation of its anti-inflammatory effects, Journal of Functional Foods 26, 77-87; ISSN 1756-4646; 2016

Oana L Pop, Dan C Vodnar, Ramona Suharoschi, Elena Mudura, Carmen Socaciu, 2015, L. plantarum ATCC 8014 Entrapment with Prebiotics and Lucerne Green Juice and Their Behavior in Simulated Gastrointestinal Conditions. Journal of Food Process Engineering. 14 MAY 2015. DOI: 10.1111/jfpe.12234

Suharoschi R, "Ethical challenges of Romanians' consumer preference related to satiety induced by commercial breads", EurSafe 2015: "Know your Food. p.264-270, http://dx.doi.org/10.3920/978-90-8686-813-1_39

Ramona Suharoschi, Diana Dumitras; Dan Vodnar; Laura Stan; Sevastita Muste PARTICULARITIES OF ROMANIAN CURRICULUM IN TOURISM – A CASE STUDY, Paper Proceedings of 1st International Conference Higher education in function of development of tourism in Serbia and Western Balkans, 2014, ISBN: 978-86-83573-44-8; pp. 33-46

Ioan Lucian Muntean, GlobusWorld 2013, Chicago, Matthias Hofmann, Robotics Research Institute, TU Dortmund - Searching for Cancer Biomarkers and Investigating Neural Dynamic Behavior with Globus

Ioan Lucian Muntean, Bogdan Mircea Rotaru, Ramona Suharoschi and Cristina Adela Iuga, Experiences in Designing a Distributed Service-Oriented Platform for In-Silico Biomarker Discovery and Validation, 2012 IEEE 12th International Conference on Bioinformatics & Bioengineering (BIBE) <https://ieeexplore.ieee.org/xpl/articleDetails.jsp?sessionId=JPG2RTGSd0r8vYLGnhfxMQgRvGKvJ9Gm0rtV18z5TDtQLyRDvJkC!155609667?arnumber=6399710&contentType=Conference+Publications>

Suharoschi Ramona, Iuga Cristina, N Crisan, D Pamfil, O Balacescu, IL Muntean, A PROPOSED CURATION PROTOCOL FOR DISCOVERY CANCER POTENTIAL BIOMARKER CANDIDATES, Agricultura – stiinta si practica, nr.1-2 (81-82)2012, 177-180

Semeniuc A. Cristina, Muste Sevastița, Rotar M. Ancuța, Suharoschi Ramona, Tofană Maria, Influence of the storage conditions on physicochemical parameters of infant formula. Journal of Agroalimentary Processes and Technologies, 2012, 18, 61-64

Ramona SUHAROSCHI, Carmen MURESAN, Ana MOLDOVAN, Raul PETRUT, Mihaela LAZAR, Cristina SEMENIUC, Ancuta Mihaela ROTAR, Cornel LASLO, Doru PAMFIL Study of the Pork Meat, Soybeans and Apple Proteins Profile, Prospects for the 3rd millenium, 10th International Symposium, USAMV Cluj, Romania, 29Sept – 1 Oct 2011,

Cristina Anamaria SEMENIUC, Mihaela Ancuța ROTAR, Ramona SUHAROSCHI, Maria TOFANĂ, Sevastița MUSTE. Overview of the EU Legislation on Novel Foods and Novel Food Ingredients, Bulletin UASVM. Agriculture, 2011, vol. 68, 415-422

Ramona SUHAROSCHI, Elens A POP, Mihaela LAZAR, Cristina A SEMENIUC, Ancuța M ROTAR, Maria V MORAR, Cornel LASLO, Doru PAMFIL Application of the Nutrition Tools under a Study in Order to Develop a Menu to Maintain a Healthy Lifestyle, Prospects for the 3rd millenium, 10th International Symposium, USAMV Cluj, Romania, 29Sept – 1 Oct 2011

Cristina Anamaria SEMENIUC, Carmen Rodica LAZAR, Ancuța Mihaela ROTAR, Ramona SUHAROSCHI, Sevastița MUSTE Measurement of Malondialdehyde in Fermented Dairy, Prospects for the 3rd millenium, 10th International Symposium, USAMV Cluj, Romania, 29Sept – 1 Oct 2011

Petruț Raul Flaviu, Ramona Suharoschi, Ancuța Mihaela Rotar, Corina Irina Bartalici Cristina Anamaria Semeniuc, Sorin Apostu Proteomics analysis and protein structure identification of *Escherichia coli* - 1st FCUB ERA Workshop, Belgrad 2011, http://www.fcub-era.rs/downloads/1st_FCUB-ERA_workshop_-_Book_of_Abstract.pdf

Semeniuc A. Cristina, Ramona Suharoschi, Corina-Irina Bartalici, Raul Petruț, Ancuța M. Rotar, Sevastița Muste SDS-PAGE analysis of whey proteins from different heat-treated commercial bovine milk 1st FCUB ERA Workshop, Belgrad 2011, http://www.fcub-era.rs/downloads/1st_FCUB-

ERA workshop - Book of Abstract.pdf

Ramona Suharoschi, Petrut Raul, Rotar M. Ancuța, Bartalici Corina-Irina, Semeniuc A. Cristina, Sorin Apostu, Escherichia coli proteomics analysis and protein structure identification with bioinformatics analysis., 2010, Volume 16, Issue 2; Pages: 163-168; ISSN: 2069-0053 (print) (former: ISSN:1453-1399), Agroprint; ISSN (online):2068 – 9551

Ramona Suharoschi, Bartalici Corina-Irina, Petrut Raul, Semeniuc A. Cristina, Rotar M. Ancuța, Two- Dimensional gel electrophoresis of peptides as lap in bovine milk. 2010, Volume 16, Issue 2; Pages: 169-176; ISSN: 2069-0053 (print) (former: ISSN:1453-1399), Agroprint; ISSN (online):2068 – 9551

Maria Virginia MORAR, A. MACRI, Flore CHIRILA, A. SZACACS, Ramona SUHAROVSKI,, Blanca TARTA, Roxana MOCAN, Zoe DANCEA Determinations of the Quality of Alimentary Products from the Commercialization Units by Laboratory Methods; Vol 67, No 2 (2010): Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture

Maria Virginia MORAR, Katalin DRAGAN, Constantin BELE, Cristian MATEA, Iustin TARTA, Ramona SUHAROVSKI, Cristina SEMENIUC - Researches Regarding the Processing of the Hemp Seed by Cold Pressing - Vol 67, No 2 (2010): Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture

Cristina A. Semeniuc, Ancuța M. Rotar, Ramona Suharoschi, Camelia Guș, Constantin Bele, Cristian Matea. Impact of storage conditions on hydrolytic rancidity degree of the dry dairy powders, 2010, Volume 16, Issue 2; Pages: 177-179; ISSN: 2069-0053 (print) (former: ISSN:1453-1399), Agroprint; ISSN (online):2068 – 9551

Angela Carmen Bocșa-Oarga, A. Cristina Semeniuc, Ancuța M. Rotar, Camelia Guș, Ramona Suharoschi, Cornel Laslo. A comparison of selected air quality criteria in raw milk, 2010, Volume 16, Issue 3; Pages: 367-372; ISSN: 2069-0053 (print) (former: ISSN:1453-1399), Agroprint; ISSN (online):2068 – 9551

Ramona Suharoschi, Ioan Coman, Ovidiu Balacescu, Ioana Neagoe, Bogdan Feciche, Nicolae Crisan, Doru Pamfil, Christer Ericsson, Helmut Klocker – Proteomics in development of a system biology to understand genistein-based inhibition of prostate cancer, Rom J Biochem, 46, supp 1-148 (2009)

Ramona Suharoschi, Constantin Bodolea, Alina Diana Zamfir, Laurian Vlase, Seasbtian Pintea, Tudor Adrian Cristea, Doru Pamfil, Christer Ericsson, Profile of apoptosis, ageing, and inflammation proteins in post-operative cognitive syndrom, Rom J Biochem, 46, supp 1-148 (2009)

Dorina Bratfalean, Ramona Suharoschi, Crina Muresan, S.P. Agachi, M.V. Cristea, Ana-Maria Cormos, Àlex Gómez Garridoc, Miguel Hernández Sánchez. Normalization for cDNA microarray data of gene expression profiles from the human prostate cancer cell lines (PC3) by Pre-Processing Two- Color Data. Computer Aided Chemical Engineering, Volume 26, 2009, Pages 1033-1038

Crina MURESAN, Cornel LASLO, Ramona SUHAROSCHI, Dan SALAGEAN, Cristina HORGA - Optimized Method for the Determination of Organochlorine Pesticides Residue in Fatty Matrice; Vol 66, No 2 (2009): Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture

Suharoschi, R., Rowland, I., Klocker, H., Hancock, RL., Pardini, RS., Cormos, AM., Muresan, C., Neagoe, I., Balacescu, O., Baba, AI., Genistein modulation of intricate signaling pathways underlying PC3 cells treatment, EJC SUPPLEMENTS: 2008; 6 (9): P. 151-151

O. Bălăcescu, I Neagoe, I Coman, N Crisan, B. Feciche, L. Bălăcescu, O. Tudoran, C. Burz, R Suharoschi. A good correlation between DD3PCA, hTERT, GDF15 and PSME gene expression for prostate cancer diagnosis. International Congress for Anticancer Treatment (ICACT) Paris, 5-8 February 2008. Poster PO 130, p224.

O. Bălăcescu, I. Neagoe, N. Crișan, B. Feciche, L.Bălăcescu, O.Tudoran, A. Irimie, C. Burz, R. Suharoschi, I. Coman, QRT-PCR Application in molecular diagnosis of prostate cancer –VIASANA CEEX National Symposium, 28-30 September 2008, Sinaia, Romania 59 – poster.

Ramona Suharoschi, Crina Mureșan, Ovidiu Bălăcescu, Ioana Neagoe, Dorina Bratfalean, Șerban Paul Agachi, Ancuta M. Rotar, Cristina Semeniuc, Sorin Apostu, Helmut Klocker, Ian Rowland, Roland S. Hancock, Ronald R. Pardini, Loredana Bălăcescu, Liliana Policiuc, Ioana Mureșan, Alecsandru I. Baba. Research concerning identification of gene expression differences of prostate cancer cells PC-3 and PC3-M using SAM, Pam and MATLAB. National Symposium in Medicine Excellence Research. 25-26 October 2007, Sibiu, Romania. Conference short-communication, abstract vol pg 17.

Ramona Suharoschi, Ian Rowland, Helmut Klocker, Ovidiu Balacescu, Ioana Neagoe, Alecsandru I Baba – “In vitro and in silico studies of Prostate Cancer PC-3 cells”- 12-17 July 2008 International Congress of Genetics (abstract no: P158/06/A).

Tudor DRUGAN, Tudor CĂLINICI, Cristina DRUGAN, Ramona SUHAROSCHI, Microarray Data Normalization for the Analysis of an Experimental Design of Prostate Cancer Cells Treated with Genistein - Applied Medical Informatics Vol. 22, No. 1-2/2008, p1-6.

Suharoschi, R., Coman, I., Klocker, H., Balacescu, O., Neagoe Artificial neural networks to discover new differentially expressed genes into cDNA microarrays of genistein treated prostate cancer PC3 cells, I., FEBS JOURNAL: 2008; 275: P.345-345

Suharoschi, R., Coman, I., Klocker, H., Balacescu, O., Neagoe, I., Genistein promotes apoptosis and cell cycle arrest via mitochondrial pathways and Akt signaling pathways through nuclear receptor family in prostate cancer cells PC3 FEBS JOURNAL: 2008; 275: P.431-431

Mărghitaș L. Al., Laura Laslo, D. Dezmiorean, Adela Moise, Olimpia Popescu, O. Maghear, Victorița Bonta, Eugenia Hărșan, Ramona Suharoschi; 2007, **Radical scavenging activity of propolis**, APICULTURE – FROM SCIENCE TO AGRIBUSINESS AND APITHERAPY, Cluj-Napoca, 3-5 May 2007, p 71-76

Mihaela- Ancuța Rotar, Cristina Semeniuc, S. Apostu, Ramona Suharoschi, Crina Mureșan, Constanța Modoran, C. Laslo, Camelia Guș, Monica Culea. RESEARCHES CONCERNING MICROBIOLOGICAL EVOLUTION OF LACTIC ACID BACTERIA TO YOGHURT STORAGE DURING SHELF-LIFE, Journal of Agroalimentary Processes and Technologies, Volume XIII, No.1

(2007), 135-138 Communication – Food Control

RAMONA SUHAROSCHI, I.R. ROWLAND, H. KLOCKER, RL. HANCOCK, R.S. PARDINI, AL. BABA - cDNA MICROARRAYS EXPERIMENTAL DESIGN AND GENE EXPRESSION ANALYSIS OF GENISTEIN TREATED HUMAN PROSTATE CANCER CELLS PC-3; Vol 64, No 1-2 (2007): Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Animal Science and Biotechnologies

Ancuța Mihaela Rotar, Cristina Semeniuc, S. Apostu, Ramona Suharoschi, Crina Mureșan, C. Laslo, Camelia Guș, Monica Culea - RESEARCHES CONCERNING THE PROTEOLYTICAL MODIFICATIONS DURING THE FERMENTATION AND THE STORAGE OF DAIRY PRODUCT-SANA; Vol 63 (2007): Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj- Napoca. Agriculture

Laslo, R., Klocker, H., Rowland, I., Hancock, RL., Pardini, RS., Baba, AI. An approach for deciphering molecular patterns involved in genistein effects in human prostate, FEBS JOURNAL: **2006**; 273: P.56-57

Gheorghe Stetca, Camelia Gus, Ramona Laslo, Cristina Semeniuc - RELATIONS BETWEEN STORAGE CONDITIONS AND POSSIBILITY OF PRESERVATION OF COMPLEX HYGIENIC QUALITY OF FOOD PRODUCTS OF ANIMAL ORIGIN (FISH MEAT); Vol 62 (2006): Bulletin of Agricultural Sciences and Veterinary Medicine. Agriculture

Muste, S (Muste, Sevastita); Tofana, M (Tofana, Maria); Mudura, E (Mudura, Elena); Muresan, C (Muresan, Crina); Laslo, R (Laslo, Ramona). The effects of hops quality parameters on beer characteristics. Bulletin of the University of Agricultural Science and Veterinary Medicine, Vol 61, 2005: AGRICULTURE **Book Series**: BULETINUL UNIVERSITATII DE STIINTE AGRICOLE SI MEDICINA VETERINARIA CLUJ-NAPOCA SER AGRICULTURA SERIES **Volume**: 61 **Pages**: 301-303 **Published**: 2005

Laslo, R., Rowland, I., Klocker, H., Hancock, RL., Pardini, RS., Baba, AI, Predicting and deciphering preventive gene sets using gene expression data and protein encoded sequences of Genistein treated PC-3 cells, CANCER EPIDEMIOLOGY BIOMARKERS & PREVENTION: 2005; 14: P. 2698S-2698S

Laslo, R., Rowland, I., Klocker, H., Hancock, RL., Pardini, RS., Baba, AI., Microarray analysis of Genistein treated human prostate cancer cells PC-3 using cDNA microarrays. CANCER EPIDEMIOLOGY BIOMARKERS & PREVENTION: 2004; 13: P.1871S-1871S

Books/ Book Chapters

Suharoschi R, Pop OL, Vlaic RA, Muresan CI, Muresan CC, Cozma A, Sitar-Taut AV, Vulturar R, Heghes SC, Fodor A, Iuga CA. Dietary Fiber and Metabolism. In Dietary Fiber: Properties, Recovery, and Applications 2019 Jan 1 (pp. 59-77). Academic Press

Pop OL, Salanță LC, Pop CR, Coldea T, Socaci SA, Suharoschi R, Vodnar DC. Prebiotics and dairy applications. In Dietary Fiber: Properties, Recovery, and Applications 2019 Jan 1 (pp. 247-277). Academic Press.

Alina VR, Carmen MC, Sevastita M, Andruța M, Vlad M, Ramona S, Georgiana P, Mihaela M. Food Fortification through Innovative Technologies. In Food Engineering 2019 Jan 18. IntechOpen.

Pop OL, Socaci SA, Suharoschi R, Vodnar DC. Pro and prebiotics foods that modulate human health. The Role of Alternative and Innovative Food Ingredients and Products in Consumer Wellness; Elsevier: Amsterdam, The Netherlands. 2019 Jul 20:283.

Vlaic Romina Alina, Mureșan Crina Carmen, Muste Sevastita, Mureșan Andruța, Muresan Vlad, Suharoschi Ramona, Petruț Georgiana and Mihai Mihaela (January 18th 2019). Food Fortification through Innovative Technologies [Online First], IntechOpen, DOI: 10.5772/intechopen.82249.

Available from: <https://www.intechopen.com/online-first/food-fortification-through-innovative-technologies>

A Mbawala, MO Koussou, TH Moufo, HM Tchougang, R Suharoschi, LAP LAMBERT Academic Publishing, 2018, Indigenous fermented milks from some regions of Cameroon and Chad, ISBN-13: 978-613-8-34418-6; 2018-04-05;

<https://www.morebooks.de/store/gb/book/indigenous-fermented-milks-from-some-regions-of-cameroon-and-chad/isbn/978-613-8-34418-6>

Toxicologia Produselor Alimentare, 2016, Pop Oana Lelia, Ramona Suharoschi, Cluj-Napoca, Romania, ISBN: 978-973-744-473-8

Principiile nutriției umane, 2013, Suharoschi R., Editura Academic Pres, Cluj-Napoca, Romania, ISBN: 978-973-744-335-9

Toxicologia alimentelor, 2013, Suharoschi R., Editura Academic Pres, Cluj-Napoca, Romania, ISBN: 978-973-744-334-2

Controlul calitatii si igiena produselor alimentare de origine animala, Laslo C, Stetca Gh, Suharoschi R, Mureșan C, 2008, Editura Risoprint Cluj-Napoca, ISBN978-973-751-684-8

Produse alimentare de origine animala, Cluj-Napoca, 2014, Laslo Cornel, Muresan Crina, Suharoschi Ramona, Tibulca Dorin, Romania, Ed Risoprint, Cluj-Napoca, ISBN-Vol1-978-973-53-1435-4

Examenul de laborator al produselor de origine animala, 2006, Laslo Cornel, Mureșan Crina, Jimborean Mirela, Laslo Ramona, Editura Academicpres Cluj-Napoca, ISBN978-973-744-022-8

Controlul calitatii produselor de origine animala, 2005, Laslo Cornel, Mureșan Crina, Jimborean Mirela, Laslo Ramona, Editura Academicpres Cluj-Napoca, ISBN973-7950-82-8

Projects: National grants:

1. Project 2662 „DEVELOPMENT OF A SYSTEM BIOLOGY APPROACH FOR UNDERSTANDING THE MOLECULAR AND SIGNALING PATTERNS INVOLVED IN THE HUMAN PROSTATE” MOLPAT-Pca, contract no. 180/2006 (2006–2008)–VIASAN (2006 – 2008, ~ RON) – VIASAN; http://www.cnmp.ro/ceex/comp1_2006/oferta.php?id=2662; <http://www.info.umfcluj.ro/proiecte/MOLPAT/Publication1.htm>
2. Innovation checks- PN-III-P2-2.1-CI-2017-0359 The innovative culinary concept for personalized menu reformulation (with high nutritional value added)

Ramona Suharoschi, Simona Codruta Heghes. Ioana Ecoterina Prolea, Laura Ioana Gavrilos, Lorena Filip, Adela Viviano Sitar Taul, Angela Cozmo, Adriana Fodor. Crina Muresan, Raluco Muresan, Oana Lelia Pop, Carmen Muresan and Cristina Adela Iuga, 2018, The energy and macronutrient 7-day diary observations on Transylvania lactating women diet that impact early life nutrition and long term effects on metabolic pathways. Obesity and Diet Imbalance Conference, ISSN 2165-7904, November 29-30, 2018 Bali, Indonesia;

Ramona Suharoschi, Crina Muresan, Oana Lelia Pop, Adela Viviana Sitar Taut, Angela Cozma, Adriana Fodor and Raluca Muresan, 2018, Innovative technology for healthy menu reformulation; Obesity and Diet Imbalance Conference, ISSN 2165-7904, November 29-30, 2018 Bali, Indonesia;

Ramona Suharoschi, Clujul Medical - J of Med & Pharm Suppl 4, vol 89, S137; Cluj-Napoca, Romania, ISSN 1222-2119; <http://www.clujulmedical.umfcluj.ro/index.php/cimed/pages/view/supplements>

3. Innovation checks - PN-III-P2-2.1-CI-2018-1367 „ CONCEPT CULINAR INOVATIV PENTRU REFORMULAREA DE MENIURI PERSONALIZATE CU VALOARE NUTRITIONALARIDICATA”

Beyond personalised nutrition – integration of tools of healthy food for catering service, R Suharoschi, 2019, 8th National and 1st International Congress “Nutrition – Medicine of the Future” Cluj-Napoca, May 15-18, 2019 “Contextual integration of Nutrition Science into Dietary Patterns and Lifestyle”

4. Mobility Project PN-III-P1-1.1-MC-2017-2346
5. Mobility Project PN-III-P1-1.1-MC-2017-2346
6. Mobility Project SEE 18-MOB-0063(Norvegia)
7. USAMV CLUJ internal Grant USAMV – in silico Biomarkers Discovery (Descoperirea in silico de potentiali biomarkeri) 2012/6/12.01.2012

II. International:

1. **ERANET: ProBone** - New tools for prospecting the marine bone-degrading microbiome for novel enzymes, (Noi instrumente pentru prospectarea de noi enzime specifice degradarii osoase de catre microbiomul marin – ProBone), contract ERANET 2/2018

POSTER:

ERANET: ProBone - New tools for prospecting the marine bone-degrading microbiome for novel enzymes, March 2019, DOI: 10.13140/RG.2.2.21290.47047, Conference: Treasures from the deep - Workshop (EMBRIC), Project: **ProBone - New tools for prospecting the marine bone-degrading microbiome for new enzymes.**

METAPROTEOMICS PILOT STUDY - BONE DEGRADING MARINE BIOFILM, Carmen Ioana Muresan^{1*}, Alina Nistor¹, Ioana Ecaterina Pralea², Antonio Garcia-Moyano³, Erik Borchert⁴, Ute Hentschel⁴, Gro Elin Kjæreng Bjerga³, Manuel Ferrer⁵, Cristina Adela Iuga², Ramona Suharoschi, BSPR meeting 2019, submitted

ProBone – New tools for prospecting the marine bone-degrading microbiome for novel enzymes, Antonio Garcia-Moyano^a, Erik Borchert^b, Sergio Sánchez-Carrillo^c, Sandra Alonso^c, Ramona Suharoschi^d, Thomas G. Dahlgren^a, Manuel Ferrer^c, Ute Hentschel^b and Gro Elin Kjæreng Bjerga, Functional Metagenomics International, 2019, Trondheim (<https://functionalmetagenomics.net/fmg2019/>)

ProBone – New tools for prospecting the marine bone-degrading microbiome for novel enzymes, 2019, Sandra Alonso¹, Erik Borchert², Antonio Garcia-Moyano³, Sergio Sánchez-Carrillo¹, Ramona Suharoschi⁴, Manuel Ferrer¹, Gro Elin Kjæreng Bjerga³ and Ute Hentschel² Spanish National Conference in Biotechnology (BIOTEC 2019; <https://biotec.gal/vigo/>)

2. **AUF project:** Valorisation biotechnologique des laits fermentés locaux comme sources de bactéries productrices de biosurfactants utilisables comme bioconservateurs en industries agro-alimentaires, coordinator: Prof. Augustin Mbawala – Université de Ngaoundéré, Camerun, Period: 2017-2018; budget. 53900 Euro; <https://www.auf.org/wp-content/uploads/2017/05/valorisation-bio.pdf> -
3. **COST - Responsabil Romania - Management Committee - CA COST Action CA16123** – Safety Culture and Risk Management in Agriculture -Management Committee http://www.cost.eu/COST_Actions/ca/CA16123?management - Durata: 01.05.2017 – 30.04.2018; Luonnonvarakeskus, Espoo, Finland, PI- dr. Jarkko Leppala
4. **COST – Romania Responsible - Management Committee of CA18131** - Statistical and machine learning techniques in human microbiome studies <https://www.cost.eu/actions/CA18131/#tabs|Name:overview>
5. Erasmus + KA107 Contract nr. 2016-2-RO01-KA107-035273; EACEA-ANPCDFP; Durata: 01.02.2017-31.05.2018; Valoare totala proiect: 25290 Euro; https://webgate.ec.europa.eu/eac/mobility/systemLayers/5_FE/dist/index.html#/home
6. 2017-1-RO01-KA107-036885, International Credit Mobility Durata: 01/06/2017 - 31/07/2019, 93376 Euro
7. 2018-1-RO01-KA107-047708, International Credit Mobility Durata: 01/06/2018 - 31/07/2020, 181500 Euro
8. TEMPUS "Modernization and Harmonization of Tourism Study Programs in Serbia - MHTSPS" (project No: 544543-TEMPUS-1-2013-1-RS-TEMPUS-JPCR); Acronym: MHTSPS; Period: 01.12.2013 - 30.11.2016; budget USAMV ~25166,40, Euro (Project USAMV

- 2002 Phare grant 2002/ 028-028, " Food Quality Management Network for East European Countries", financed by EC (budget ~ 35,000EUR) financed by EU <http://www.usamvcluj.ro/~fqm> – 2003 – 2004

Team member :

- „DEZVOLTARE LABORATOR DE INCERCARI PENTRU SIGURNTA SI CALITATEA ALIMENTULUI” proiect 159/2005, INFRAS, 2005-2007 (valoare 800.000RON) <http://www.cnmp.ro/ceex/comp4/oferta.php?id=159>
- MEC Project - Programul „Consolidarea infrastructurilor standardizarii și calitatii” – INFRAS, Proiectul: Laborator de încercări pentru calitatea și siguranța alimentelor 2004 –2006
- Contract de finantare MEC – CEEX Modul 1, Proiect 3822 „TEHNOLOGII MODERNE NECONVENTIONALE, CONFORME CU REGLEMENTARILE EUROPENE, DE EPURARE A APELOR UZATE SI DE TRATARE A NAMOLULUI REZIDUAL IN SCOPUL REUTILIZARII ACESTUIA”, Proiect director: Oprean Letitia, University Lucian Blaga, Sibiu, (budget 1.000.000RON) Periode: 2006 – 2008 – BIOTECH http://www.cnmp.ro/ceex/comp1_2006/oferta.php?id=3822
- IDEI Project no. 314/2007 „Identificarea prin reactia microarray a unor biomarkeri tumorali cu valoare de predictie noninvaziva in cancerul de prostată” – PI: Dr. Ovidiu Bălăcescu, IOCN (2007-2010);
- IDEI - Project no. 2631/2009 “ANALYTICAL AND PROTEOMIC RESEARCH OF THE PLASMA AND CEREBROSPINAL FLUID IN ELDERLY PATIENTS WITH POSTOPERATIVE COGNITIVE DYSFUNCTION” PI: dr. Constantin Bodolea, UMF Cluj-Napoca 2009-2011
- PN II Project, 2008-2011: Reducerea contaminării cu micotoxine pe filiera cerealelor in vederea obținerii de produse de panificație cu conținut ridicat de fibre, sigure pentru consum – FIBRESI
- PN II 260/14.09.2007 Food Safety Control prin dezvoltarea unui sistem integrat de modelare, simulare și conducere avansată a bioprocесelor fermentative din industria alimentară (2007-2009)
- CNCSIS-3/102- Influenta sistemului de cultura asupra calitatii alimentare a legumelor obtinute din culturi in spatii protejate(2004-2006)
- CNCSIS -584- Studiul eficienței cultivării și utilizării în furajare a unor soiuri de rapiță libere de glucozizi și acid erucic (2000-2004)
- PN-III-P2-2.1-CI-2017-0334, Tip proiect: Cecuri de inovare -Titlul proiectului - Preparate din carne inovative fortificate Tip proiect: CI , contract nr. 58/2017
- PN-III-P2-2.1-CI-2017-0415, Tip proiect: Cecuri de inovare -Titlul proiectului - „SOLUȚII NUTRIȚIONALE INOVATOARE PENTRU PREVENȚIA OBEZITĂȚII EPIDEMICE LA COPII” Tip proiect: CI , contract nr. 72/2017
- PN-III-P2-2.1-CI-2017-0783, Cecuri de inovare - “SERVICII INOVATIVE DE ANALIZA INTEGRATA A MENIURILOR PENTRU COPII PREȘCOLARI” contract no. 142/2017
- PN-III-P2-2.1-CI-2017-0056, Cecuri de inovare - Muffins-uri aglutenice, hipocalorice, îmbogățite cu aminoacizi esențiali de origine vegetala, CI , contract no. 19/2017
- PN-III-P4-ID- PCE-2016- 0396 PCE “Cai de semnalizare si molecule tinta implicate in chemopreventia cu conjugate obtinute din nanoparticule de argint si extracte naturale in carcinogeneza orala”, contract no. 161/2017

POSTER:

R Suharoschi, , 2018, In Silico Insight Into Epigenetic And Transcription Chemopreventive Signaling Mechanism In Oral Cancer, The 30th Conference of Physiology “Integrative physiology – From fundamental mechanisms to biomedical application”, 2018, Clujul Medical, vol 91, 2018 (6) e_ ISSN 2066-8872; p 14(poz 32) si p. 15

- PN-III-P2-2.1-CI-2017-0373, Cecuri de inovare "Obținerea unui gel dezinfectant prin valorificarea componentelor bioactive din borhotul de hamei" CI , contract no. 97/2017
- PN-III-P2- 2.1-PED-2016-1237, UTILIZAREA EFICIENTĂ A GLICEROLULUI BRUT DE BIODIESEL ÎN PRODUCȚIA DE ACID LACTIC
- PN-III-P2-2.1-CI-2017-0632 Contract no. 112CI/2017 -PRODUS NUTRACEUTIC FUNCȚIONAL CU PROPRIETĂȚI CURATIVE ȘI PALIATIVE OBȚINUT DIN ZONAR (LACTOSER) ÎMBOGĂȚIT CU PRINCIPII BIOACTIVE NATURALE PRIN UTILIZAREA UNOR TEHNOLOGII ECO-INOVATOARE
- EC5th Framework program Marie Curie Training Site Fellowship; Proiect: Assessment of Dietary Components with Health promoting Properties HPMT-CT-2001-00287 - University of Ulster, Prof. I. ROWLAND

Honours and awards:

Research results reward – Papres 2019

PN-III-P1-1.1-PRECISI-2019-36157 – “UV-light mediated green synthesis of silver and gold nanoparticles using Cornelian cherry fruit extract and their comparative effects in experimental inflammation. Filip, GA; Moldovan, B ; Baldea, I; Olteanu, D; Suharoschi, R; Decea, N ; Cismaru, CM ; Gal, E; Cenariu, M ; Clichici, S; David, L. JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, Volume 191 Page 26-37 Published 2019. WOS:000458711800005”

PN-III-P1-1.1-PRECISI-2019-40362 - “Clinical and genetic predictors of diabetes drug's response. Fodor, A; Cozma, A; Suharoschi, R ; Sitar-Taut, A ;

Roman, G , DRUG METABOLISM REVIEWS, Published 2019. WOS:000484080900001”

PN-III-P1-1.1- PRECISI-2016- 13154 – “Antioxidant activity of Cornelian cherry (Cornus mas L.) fruits extract and the in vivo evaluation of its anti-inflammatory effects. Moldovan, B; Filip, A ; Clichici, S ; Suharoschi, R; Bolfa, P; David, L. JOURNAL OF FUNCTIONAL FOODS, Volume 26 Page 77-87 Published 2016. WOS:000386193400008”

PN-III-P1-1.1-PRECISI-2018-32792 ;

PN-III-P1-1.1-PRECISI-2020-52824 - Cerium Oxide Nanoparticles and Their Efficient Antibacterial Application In Vitro against Gram-Positive and Gram-Negative Pathogens. Pop, OL; Mesaros, A; Vodnar, DC; Suharoschi, R ; Tabaran, F ; Magerusan, L; Todor, IS ; Diaconeasa, Z; Balint, A ; Ciontea, L ; Socaciu, C. NANOMATERIALS, Volume 10 Issue 8 Published 2020. WOS:000564684300001

USAMV Cluj-Napoca Scientific and professional recognition - University year award 2018, 2019

Scientific and professional recognition (2008-2009-2010) (University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca) – university year award 2011-2012: USAMV Senat 20/07/2011

MARIE CURIE FELLOWSHIP 2003-2004 (EC5th Framework program Marie Curie Training Site Fellowship; Project: Assessment of Dietary Components with Health promoting Properties HPMT-CT-2001-00287 - University of Ulster, Prof. I. ROWLAND)

Head of research laboratory: Molecular Nutrition and Proteomics Lab - Institute of Life Sciences, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania <https://erris.gov.ro/Molecular-Nutrition-and-omics>

Brainmap: U-1700-038Q-8446; Publons: M-9711-2019; ORCID: 0000-0002-8306-8670

https://www.researchgate.net/profile/Ramona_Suharoschi

<https://scholar.google.com/citations?user=dXJHbIMAAAAJ&hl=en>

Date 22.01.2021, Cluj-Napoca

Professor Ramona SUHAROSCHI, MD, PhD

ramona.suharoschi@usamvcluj.ro

Director of the Food Science Department

Faculty of the Food Science and Technology

University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca

Institute of Life Sciences: Molecular Nutrition Lab (Genomics&Proteomics)

phone: +40 264 596384 fax: +40 264 593792; <http://www.usamvcluj.ro>