

PERSONAL INFORMATION

Nagy Melinda



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Sex Female | Date of birth 04/09/1988 | Nationality Romanian

WORK EXPERIENCE

10/2013 – Present

Analyst quality control and food safety

LICSA - USAMV, Cluj-Napoca

- Food quality and safety analysis by UV-VIS spectrometry
- Determination of the antioxidant activity of plant
- Determination of bitter compounds and aromas of hops and hop preparations (bitter acids and essential oils)
- Elaboration analysis reports

03/2016 – 09/2016

Assistant researcher in food control quality

USAMV, Cluj-Napoca

Research Project PNII-RU-TE-2014-4-0842, financing agreement No. 52/01.10.2015
Applied Research Project - consulting Ecomar – USAMV

10/2014 – 06/2016

Associate Teacher

Faculty of Food Science and Technology - USAMV, Cluj-Napoca

- Quality control of vegetable origin food products
- Principles and methods of food preservation
- Quality control of animal origin food products

11/ 2012 – 3/2013

Hiwi ("voluntary assistant")

University Hohenheim (Universität Hohenheim), Agrartechnology Laboratory, Germany

- Obtaining biogas:
 - weighing different substrates
 - filling and sealing syringes
 - measuring the amount of biogas and methane content in biogas

EDUCATION AND TRAINING

1/10/2013 – 28/7/2016

PhD in Biotechnology

University of Agriculture Science and Veterinary Medicine, Cluj Napoca

Research them: „Research regarding the uppevalorisation of some vegetable sources rich in bioactive compounds in order to obtain an innovative meat product”

- Development of methods of analysis for determining classes of compounds in different types of mushrooms and brewers grains
- Extraction and characterization of aromatic plants (pepper, paprika, garlic)
- Study the possibility and advisability of using mushrooms and brewers grains for food production type sausages
- The statistical interpretation / critical discussion of scientific results
- Elaboration / support essays according to individual doctoral training plan
- Participation in scientific symposium

9/09/2016 – 13/09/2016

Certificate of project manager

01/10/2011 – 04/06/2013

Master in Food engineering, specializing in Food Safety and Consumer Protection

University of Agriculture Science and Veterinary Medicine, Cluj Napoca

- Advanced analytical techniques for food product
- Food contaminants
- Control of organic products and production
- Authentication of food products
- Consumer protection in Romania

01/10/2012 – 28/02/2013

Erasmus Certificate, Master

University Hohenheim, Food science and Technology Stuttgart, Germany

- Conception and systematization of organic products
- Control quality of organic products

May 2011

Certificate of internal auditor for the Food Safety System according to Standard SR EN ISO 22000:2005 and SR EN ISO 19011:2003
SC SIMTEX-OC SRL Bucharest

01/10/2006 – 30/06/2010

Food Industry Engineering - Control and expertise of food

University of Agriculture Science and Veterinary Medicine, Faculty of Agriculture, Cluj-Napoca

- Food chemistry
- Food technology
- Food additives
- Microbiology of food
- Organic chemistry
- Operations and machinery in the food industry
- Food toxicology
- Control quality of vegetable / animal origin products
- Biotechnology in food industry

PERSONAL SKILLS

Mother tongue(s) Hungarian, Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B ₂	B ₂	B ₂	B ₂	B ₂
German	B ₂	B ₂	B ₁	B ₁	B ₂

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

Social skills and competence ability to easily adapt myself to multicultural environments due to the studies done abroad
ambitious, highly organized, serious, motivated
good communication skills, great ability to adapt to new situations, always open to learning new things

PC knowledge and skills Microsoft Office™ tools (Word™, Excel™ and PowerPoint™), End Note

PUBLISHED ARTICLES

First author

1. **Melinda Nagy**, Maria Tofană, Sonia A. Socaci, Ana Viorica Pop, Maria Doinița Borș, Anca Fărcaș, Ovidiu Moldovan, 2014, Total Phenolic Flavonoids and Antioxidant Capacity of Some Medicinal and Aromatic Plants, Bulletin UASVM Food Science and Technology 71(2), 209-210.
2. **Melinda Nagy**, Maria Tofană, Crina Muresan, Ana Viorica Pop (Cuceu), Maria Doinița Bors, Claudiu Dan Sălăgean, 2015, Control parameters used in quality and safety analysis of traditional meat products, Journal of Agroalimentary Processes and Technologies, 21(2), 192-195.
3. **Melinda NAGY**, Sonia A. SOCACI, Maria TOFANA, Carmen POP, Crina MURESAN, Ana-Viorica POP (CUCEU), Liana SALANTA, Ancuta M. ROTAR, Determination of total phenolics, antioxidant capacity and antimicrobial activity of selected aromatic spices, 2015, Bulletin UASVM Food Science and Technology 72(1), 82-85.
4. **Melinda NAGY**, Sonia A. SOCACI, Maria TOFANĂ, Crina MUREȘAN, Ana Viorica POP (CUCEU), Carmen POP, 2015, Evaluation of physicochemical and microbiological parameters of smoked sausages, Bulletin UASVM Food Science and Technology 72(2), 293-294.
5. **Melinda Nagy**, Sonia A. Socaci, Maria Tofană, Crina Muresan, Sevasita Muste, Ana Viorica Pop (Cuceu), Liana Salanta, 2015, Study regarding the development of an inovative mixture of plants with health benefits, Journal of Agroalimentary Processes and Technologies, 21(3), 237-240.
6. **Melinda NAGY**, Crina MURESAN, Sonia A. SOCACI, Maria TOFANĂ, Anca FARCAS, Suzana E. BIRIS, 2015, Study on Influence of Different Types of Meat on the Quality of Meat Products, Bulletin UASVM Food Science and Technology, Cluj-Napoca, Romania, ISSN-L 2344-2344.

Manuscript submission (ISI)

1. **Melinda NAGY**, Sonia SOCACI, Francisc DULF, Zorita DIACONEASA, Maria TOFANA, Crina MURESAN, Chemical Composition and Biological Properties of Transylvanian Wild Edible Mushrooms: A comprehensive study, Journal of Agricultural and Food Chemistry.
- 2 **Melinda NAGY**, Cristina Anamaria SEMENIU, Sonia Ancuța SOCACI, Carmen Rodica POP, Ancuța Mihaela ROTARA, Maria TOFANĂ, Dan Claudiu SĂLĂGEAN, Utilization of brewer's spent grain, mushrooms in smoked sausages fortification, European Food Science and Technology(Campinas).

Co-author

1. Maria Doinița BORȘ, Sonia SOCACI, Maria TOFANĂ, Vlad MUREȘAN, Ana Viorica POP, **Melinda NAGY**, Romina VLAIC, 2014, Determination of Total Phenolics, Flavonoids and Antioxidant Capacity of Methanolic Extracts of Some Brassica Seeds, Bulletin UASVM Food Science and Technology, 71(2), 205-206.
2. Ana-Viorica POP, Maria TOFANĂ, Sonia A. SOCACI, Anca FĂRCAȘ, **Melinda NAGY**, Maria-Doinița BORȘ, Ovidiu MOLDOVAN, 2014, Characterization of Three Lamiaceae Plants From Local Market, Bulletin UASVM Food Science and Technology 71(2), 207-208.

3. Maria Tofană, Mora Acațiu, Sonia Socaci, Liana Salană, Anca Farcaș, Maria Doinița Borș, Ana-Viorica Pop, **Melinda Nagy**, Dana Feier, Luminița Vârva, Suzana Elena Biriș-Dorhoi, Cosmina Bogățean, 2014, The hop alpha acids content of hop cultivars in Romania during 2012-2013, Hop and Medicinal Plants 22(1-2), 25-32.
4. Liana-Claudia SALANȚĂ, Maria TOFANĂ, Sonia SOCACI, Elena MUDURA, Carmen POP, Anamaria POP, Ana CUCEU, **Melinda NAGY**, 2014, The potential of medicinal plants in developing functional foods, Hop and Medicinal Plants 22(1-2).
- 5 Liana Claudia Salanță, Maria Tofană, Carmen Pop, Sonia Socaci, Anamaria POP, **Melinda Nagy**, 2015, Physicochemical Properties and Sensory Evaluation of Jelly Candy Made from Carrots and Strawberries, Bulletin UASVM Food Science and Technology, Cluj-Napoca, Romania, 72 (1), 139-140.
6. Claudiu Dan Sălăgean, Carmen Rodica Pop, Mihai Catrinoi, **Melinda Nagy**, 2015 Influence of the Brown Marine Algae on the Physicochemical and Sensory Characteristics of the Sausages, Bulletin UASVM Food Science and Technology, Cluj-Napoca, Romania, 92 (2)193-199.
7. Ana-Viorica POP(CUCEU), Maria TOFANĂ, Sonia A. SOCACI, **Melinda NAGY**, Anca FĂRCAȘ, Maria Doinița BORȘ, Liana SALANȚĂ, Dana FEIER, Luminița VÂRVA, 2014, Comparative study regarding the chemical composition of essential oils of some *Salvia* species, Hop and Medicinal Plants 22 (1-2), 79-91.
8. Ana-Viorica POP (CUCEU), Maria TOFANĂ, Sonia A. SOCACI, **Melinda NAGY**, Maria-Doinița BORȘ, Liana SALANȚĂ, Romina VLAIC, 2015, Studies on total polyphenols content and antioxidant activity of methanolic extracts from selected *Salvia* species, Bulletin UASVM Food Science and Technology 72(1) , 86-90.
9. Claudiu Dan Sălăgean, Carmen Rodica Pop, Maria Morar, **Melinda Nagy**, 2015 Physicochemical and Sensorial Characteristics of Frankfurters with the Addition of Chilli and Kim Chi, Bulletin UASVM Food Science and Technology, Cluj-Napoca, Romania, 72(2), 291-292
10. Maria Doinița Borș, Sonia Socaci, Simona Ioana Vicaș, Cristina Anamaria Semeniuc, Ana Viorica Pop (Cuceu), **Melinda Nagy**, Maria Tofană, 2015, Effect of light conditions on sulfur-containing phytochemicals from radish and mustardsprouts, Journal of Agroalimentary Processes and Technologies 21(3), 274-281.
11. Sonia A. Socaci, Anca Fărcaș, Maria Tofană, Carmen Pop, Mirela Jimborean, **Melinda Nagy**, 2015, Evaluation of Bioactive Compounds from Flowers and Fruits of Black Elder (*Sambucus Nigra L.*), Bulletin UASVM Food Science and Technology, Cluj-Napoca, Romania,72(2), 289-290.
12. Ana-Viorica Pop (Cuceu), Maria Tofană, Sonia A. Socaci, Dan Vârban, **Melinda Nagy**, Maria-Doinița Borș, Anca Fărcaș, 2015, Essential oil composition, phenolic content and antioxidant activity in Romanian *Salvia officinalis L.*, Journal of Agroalimentary Processes and Technologies 21(3), 241-246.
13. Liana-Claudia Salanță, Maria Tofană, Sonia Socaci, Anamaria Pop, Antonia Odagiu, **Melinda Nagy**, Ana Cuceu, 2015, Evaluation of volatile compounds from Hüller Bitterer variety grown in Romania by chemometric methods, Journal of Agroalimentary Processes and Technologies 21(3), 231-236.
14. Ana-Viorica Pop (Cuceu), Maria Tofană, Sonia A. Socaci, Dan Vârban, **Melinda Nagy**, Maria - Doinița Borș, Susana Sfechiș, 2015, Evaluation of antioxidant activity and phenolic content in different *Salvia officinalis L.* extracts, Bulletin UASVM Food Science and Technology 72(2), 210 – 214.
15. Suzana Elena Biriș-Dorhoi, Laura Momeu, Maria Tofană, Anca Fărcaș, **Melinda Nagy**, Cosmina Maria Bogățean, 2015, Study of Algal Communities from Water Intake Gurghiu, Bulletin UASVM Food Science and Technology 92(2), 242-252.
16. Otilia Micu, Emil Luca, Nineta Simona Varga, Felicia Butuza Bumb, **Melinda Nagy**, 2015, Physico-chemical response of seven irrigated and non-irrigated apple fruit varieties to different storage conditions, Bulletin UASVM Food Science and Technology,72 (2), 200-209
17. Crina Muresan, Anamaria Pop, Simona Man, Sonia Socaci, Anca Fărcaș, **Melinda Nagy**, Bianca Rus, 2016, The influence of different proportions of Spirulina (*Arthrospira plantensis*) on the quality of pasta, Journal of Agroalimentary Processes and Technologies, 22(1), 24-27
18. Liana-Claudia Salanță, Maria Tofană*, Sonia Socaci, Carmen Pop, Anamaria Pop, **Melinda Nagy**, 2016, Evaluation of Physicochemical Properties and Antioxidant Capacity of Pepper Sauce with *Allium ursinum L.*, Bulletin UASVM Food Science and Technology 73(1):53-56.
19. Ana-Viorica Pop (Cuceu), Maria Tofană*, Sonia A. Socaci, Carmen Pop, Ancuța M. Rotar, **Melinda Nagy**, Liana Salanță, 2016, Determination of Antioxidant Capacity and Antimicrobial Activity of Selected *Salvia* Species, Bulletin UASVM Food Science and Technology 73(1):14-18.

Conference Participations

1. Ana-Viorica Pop, Maria Tofană, Sonia A Socaci, Anca Fărcaș, **Melinda Nagy**, Maria Doinița Borș, Ovidiu Moldovan, 2014, Characterization of Three Lamiaceae Plants from Local Market. The 13th International Symposium - Prospects for the 3rd Millennium Agriculture 25-27 Septembrie 2014, University of Agricultural Sciences and Veterinary Medicine Cluj -Napoca (poster).

2. Ana-Viorica Pop (Cuceu), Maria Tofană, Sonia A. Socaci, Dan Vârban, **Melinda Nagy**, Maria-Doinița Borș, Anca Fărcaș, 2015, Essential oil composition, phenolic content and antioxidant activity in Romanian *Salvia officinalis* L., The 6 th International Conference on Food Chemistry, Engineering & Technology, 28 – 29 May 2015, University of Agricultural Sciences and Veterinary Medicine of Banat, Timișoara (poster).
3. Ana-Viorica Pop (Cuceu), Maria Tofană, Sonia A. Socaci, Dan Vârban, **Melinda Nagy**, Maria-Doinița Borș, Susana Sfechiș. Evaluation of antioxidant activity and phenolic content in different *Salvia officinalis* L. extracts. The 14th International Symposium - Prospects for the 3rd millennium agriculture, 24th-26th September 2015, University of Agricultural Sciences and Veterinary Medicine Cluj -Napoca (oral presentation) .
4. Maria Doinița Borș, Sonia Socaci, Maria Tofană, Vlad Mureșan, Ana Viorica Pop, **Melinda Nagy**, Romina Vlaic, 2014, Determination of total phenolics, flavonoids and antioxidant capacity of methanolic extracts of some brassica seeds. The 13th International Symposium. Prospects for the 3rd Millennium Agriculture 25-27 Septembrie 2014 University of Agricultural Sciences and Veterinary Medicine Cluj -Napoca (poster).
5. **Melinda Nagy**, Maria Tofană, Sonia A Socaci, Ana Viorica Pop, Maria Doinița Borș, Anca Fărcaș, Ovidiu Moldovan, 2014, Total Phenolic, Flavonoids and Antioxidant Capacity of Some Medicinal and Aromatic Plants. The 13th International Symposium. Prospects for the 3rd Millennium Agriculture 25-27 Septembrie 2014, University of Agricultural Sciences and Veterinary Medicine Cluj -Napoca (poster).
6. Maria Doinița Borș, Sonia Socaci, Simona Ioana Vicaș, Cristina Anamaria Semeniuc, Ana Viorica Pop (Cuceu), **Melinda Nagy**, Maria Tofană, Effect of light conditions on sulfur-containing phytochemicals from radish and mustard sprouts, The 6th International Conference on Food Chemistry, Engineering & Technology, 28 – 29 May 2015, University of Agricultural Sciences and Veterinary Medicine of Banat, Timișoara (oral presentation).
7. **Melinda Nagy**, Maria Tofană, Sonia A. Socaci, Crina Muresan, Sevasita Muste, Ana Viorica Pop (Cuceu), Liana Salanta, Study regarding the development of an inovative mixture of plants with health benefits, Journal of Agroalimentary Processes and Technologies The 6th International Conference on Food Chemistry, Engineering & Technology, 28 – 29 May 2015, University of Agricultural Sciences and Veterinary Medicine of Banat, Timișoara (poster).
8. **Melinda Nagy**, Maria Tofană, Sonia A. Socaci, Ana Viorica Pop, Maria Doinița Borș, Claudiu Dan Sălăgean, Crina Mureșan. 2015. Control parameters used in quality and safety analysis of meat products. Journal of Agroalimentary Processes and Technologies The 6th International Conference on Food Chemistry, Engineering & Technology, 28 – 29 May 2015, University of Agricultural Sciences and Veterinary Medicine of Banat, Timișoara (oral presentation).
9. **Melinda NAGY**, Sonia A. SOCACI, Maria TOFANĂ, Crina MUREȘAN, Ana Viorica POP (CUCEU), Carmen POP, Evaluation of Physicochemical and Microbiological Parameters of Smoked Sausages, The 14th International Symposium - Prospects for the 3rd millennium agriculture, 24th-26th September 2015, University of Agricultural Sciences and Veterinary Medicine Cluj -Napoca (oral presentation).
10. **Melinda NAGY**, Crina MUREȘAN*, Sonia A. SOCACI, Maria TOFANĂ, Anca FARCAȘ, Suzana E. BIRIȘ, Study on influence of different types of meat on the quality of meat products, The 14th International Symposium - Prospects for the 3rd millennium agriculture, 24th-26th September 2015, University of Agricultural Sciences and Veterinary Medicine Cluj -Napoca (oral presentation).
11. Sonia A. SOCACI, Anca C. FĂRCAȘ*, Maria TOFANĂ, Carmen POP, Mirela JIMBOREAN, **Melinda NAGY**, Evaluation of Bioactive Compounds from Flowers and Fruits of Black Elder (*Sambucus Nigra* L 14th International Symposium"Prospects for the 3rd Millennium Agriculture", Section 3: Food Science and Technology, Cluj-Napoca (poster).
12. Elena-Suzana BIRIȘ-DORHOI, Laura MOMEU, Maria TOFANĂ, Anca FARCAȘ, **Melinda NAGY**, Cosmina Maria BOGĂTEAN, Study of Algal Communities from Water Intake Gurghiu, The 14th International Symposium - Prospects for the 3rd millennium agriculture, 24th-26th September 2015, University of Agricultural Sciences and Veterinary Medicine Cluj -Napoca (oral presentation).
13. Ovidiu MOLDOVAN, Adriana PĂUCEAN, Sevasita MUSTE, Romina VLAIC , **Melinda NAGY** and Ana Viorica POP, 2014, Preliminary assessmentof the nutritional quality of two types lentil (*lens culinaris*) in order to be used in bread fortification, The 13th International Symposium - Prospects for the 3rd Millennium Agriculture 25-27 Septembrie 2014, University of Agricultural Sciences and Veterinary Medicine Cluj -Napoca (poster).
14. **Melinda NAGY**, Crina MURESAN, Maria TOFANĂ, Anca FĂRCA , ș Ana-Viorica POP and Georgiana S. PETRUT, 2016, Study regarding the influence of filling types on quality of pastry product, 7th CASEE Conference „The Role of Life Sciences in Europe’s 2020 Strategy” 22th – 24th Mai, 2016, Timsoara. (poster)
15. Georgiana PETRUT, Sevasita MUSTE, Crina MURESAN, **Melinda NAGY**, Alina STURZA, 2016, (HACCP) System in a still water bottling station (unit), 7th CASEE Conference „The Role of Life Sciences in Europe’s 2020 Strategy” 22th – 24th Mai, 2016, Timsoara. (poster).
16. Sonia SOCACI, Anca FARCAS, Ana POP (CUCEU), **Melinda NAGY**, Liana SALANTA, Anamaria POP, Maria TOFANA, Exploitation of food wastes as valuable sources of bioactive compounds, 7th CASEE Conference „The Role of Life Sciences in Europe’s 2020 Strategy” 22th – 24th Mai, 2016, Timsoara. (poster).