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## Scientific works, books and projects

### A. Thesis

„*Contributions to optimization of red wines from grapes of Burgund mare variety*”,  
“Dunărea de Jos” University of Galați, Faculty of Food Engineering, Aquaculture and  
Fishing, 2006

### B. Books and chapters in books

B1. **Mureșan Claudia** – 2011, *Wine technology - practical applications*, Editura Universității  
„Aurel Vlaicu” Arad, 212 pag, ISBN 978-973-752-589-5

B2. **Mureșan Claudia**, Ursachi C. – 2011, *Principles and methods of food preservation - practical applications*, Editura Universității „Aurel Vlaicu” Arad, 116 pag, ISBN 978-973-752-588-8

B3. **Mureșan Claudia**, Palcu S., Dicu Anca – 2011, *Cooking techniques - Fundamentals and practical applications*, Editura Universității „Aurel Vlaicu” Arad, 180 pag, ISBN 978-973-752-551-2

B4. Ursachi C., **Mureșan Claudia**, – 2012, *General technology in the meat industry - practical applications*, Editura Universității „Aurel Vlaicu” Arad, 110 pag, ISBN 978-973-752-613-7

B5. **Mureșan Claudia** – 2008, *Tehnologia vinului*, Editura Universității „Aurel Vlaicu” Arad, 190 pag, ISBN 978-973-752-239-9

B6. Popa P. **Mureșan Claudia** – 2007, *Wine technology*, Editura Universității „Aurel Vlaicu” Arad, 618 pag, ISBN 978-973-752-150-7

B7. Craiu (**Mureșan**) **Claudia** - 2003, *Preservation of food*, Editura Universității „Aurel Vlaicu” Arad, 141 pg., ISBN 973-9361-80-3

### C. Scientific works ISI/BDI

**Articole publicate in reviste din fluxul principal cu recunoaștere internațională – indexate in baze de date (ASCI, DOAJ, VINYTI) Categoria B+ CNCSIS – BDI (cotate ISI)**

C1. **Mureșan Claudia**, Dicu Anca, Ciutina V.,Chambre Dorina, Ursachi C.,*Quality Characteristics and Standards for Sunflower Oil from Arad Agricultural Area*; Bulletin of University of Agricultural Sciences and Veterinary Medicine, Cluj Napoca, vol.68, 2011, pg.357-361; ISSN 1843-5246

C2. Oana Brînzan, Eugenia Țigan, **Claudia Mureșan**, Chiș Sabin, *Romanian Local Food Qualification for Rural Development Perspective*; Bulletin of University of Agricultural Sciences and Veterinary Medicine, Cluj Napoca, vol.68, 2011, pg.8-13; ISSN 1843-5246

C3. Oana Brînzan, **Claudia Mureșan**, Eugenia Țigan, *Food safety Management for Primary Food Production*; Bulletin of University of Agricultural Sciences and Veterinary Medicine, Cluj Napoca, vol.67, 2010, pg.192-197; ISSN 1843-5246

C4. **Mureșan Claudia** – *Comparative analysis of tint for red superior wines obtained in the western part of Romania*, 2008, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, pg. 299-303, Editura Academic Pres, volume 65(2), ISSN 1843-5246

C5. **Mureșan Claudia**, V.Ciutina, S.Palcu, L.Hălmăgean – *Comparative analysis of physicochemical characteristics for red superior wines obtained in the western part of Romania*, 2008, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, pg. 475, Editura Academic Pres, volume 65(2), ISSN 1843-5246

C6. Ciutina, V. **Mureșan Claudia** - *Studies regarding genetic incompatibility for some Vitis viniferavarieties cultivated in Arad wine-growing habitat*, 2008, Bulletin of University of Agricultural

Sciences and Veterinary Medicine Cluj-Napoca, , vol 65 (1), p.56-61, Editura AcademicPres Cluj-Napoca, ISSN 1843-5246,Electronic ISSN 1843-5386

C7. **Mureșan Claudia**, *Phenolic compounds dynamic during maceration-fermentation process at superiors red wines from Burgund variety*; 2007, Bulletin of University of Agricultural Sciences and Veterinary Medicine, Cluj Napoca, vol.63-64, pg.559-562; ISSN 1843-5254

C8. **Mureșan Claudia**, Ciutina V., Anca Dicu, Palcu S., *Cromatic index evolution during superiors red wines maturation at Burgund variety*; 2007, Bulletin of University of Agricultural Sciences and Veterinary Medicine, Cluj Napoca, vol.63-64, pg.662-663; ISSN 1843-5254

C9. Palcu S.E., **Mureșan Claudia**, *Biochemical parameters improvement at Pisum sativum under the influence of chemical fertilizers with microelements*, 2007, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Horticulture, pg. 751, ISSN 1843-5254

C10. Palcu S., Gh. Câmpeanu, L. Hălmăgean, **Mureșan Claudia**, *Researches regarding soil fertilization for leguminosae cultures an their influence upon production parameters*, 2007, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Horticulture, vol. 64 (1-2), print ISSN 1843-5254, electronic ISSN 1843-5394, pg.108-112

C11. **Mureșan Claudia**, *The analysis of Burgund red wines polyphenols content obtained in Miniș and Murfatlar vineyard*; Bulletin of University of Agricultural Sciences and Veterinary Medicine, Cluj Napoca, vol.62, 2006, pg.308-311, ISSN 1454-2382

C12. **Mureșan Claudia**, V. Ciutina, Anca Dicu, L.Hălmăgean, *The physicochemical characteristics of red wines obtained from Burgund variety from Miniș vineyard*; 2006, Bulletin of University of Agricultural Sciences and Veterinary Medicine, Cluj Napoca, vol.62, pg.438-439, ISSN 1454-2382

C13. Hălmăgean L., Cornelia Idițoiu, **Claudia (Craiu)Mureșan**, *Molybdeum –stimulating factor for symbiotic and morpho-physiological processes in vegetable cultivation*, Buletinul Universității de Științe Agricole și Medicină Veterinară Cluj-Napoca (Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca), Seria Horticultură (Horticulture), Vol. 60/2003, ISSN 1454-2382, pg. 33-35.

C14. Sergiu Erich Palcu, **Claudia Mureșan**, Radiana-Maria Tamba-Berehoiu, Ciprian Nicolae Popa, *STATISTICAL EVALUATION OF ENVIRONMENTAL FACTORS AND SOIL FERTILIZERS EFFECTS ON GARDEN PEA (Pisum sativum) PRODUCTION PARAMETERS*, , Scientific Papers Series Management , Economic Engineering in Agriculture and Rural Development, Vol.18, Issue 1, **2018**, Pages 311-318, PRINT ISSN 2284-7995, E-ISSN 2285-3952. [http://managementjournal.usamv.ro/pdf/vol.18\\_1/volume\\_18\\_1\\_2018.pdf](http://managementjournal.usamv.ro/pdf/vol.18_1/volume_18_1_2018.pdf)

C15. Constantin Croitoru, **Claudia Muresan**, Mihaela Turturica, Nicoleta Stanciuc, Doina Georgeta Andronoiu, Loredana Dumitrascu , Vasilica Barbu , Elena Enachi (Ionita), Georgiana, Horincar (Parfene), Gabriela Râpeanu, *Improvement of Quality Properties and Shelf Life Stability of New Formulated Muffins Based on Black Rice*, *Molecules*, *Molecules* 2018, 23, 3047; doi:10.3390/molecules23113047, IF= 3,098

#### **D. Articles published in journals and volumes of international conferences with reviewers**

##### **- Journals B+ CNCSIS**

D1. Palcu S.E., Zamfir Alina, **Mureșan Claudia** - *Reserches concerning extraction and dosage technology of hydrosoluble B complex vitamins by using some garden and agricultural crop plants as raw material*, 2008, Annales of the University of Craiova, vol. XIII (XLIX), pg. 283-286, Editura Universitaria, ISSN 1435 – 1275

D2. **Mureșan Claudia**, Ciutina V., Calinovici I., Crișan Simona, *The evolution of colour intensity at superiors red wines from Burgund variety obtained in Miniș and Murfatlar vineyards*; Annales of the University of Craiova, vol. XI, 2006, pg. 163-167, ISSN 1435-1275

D3. Hălmăgean L.,Craiu (**Mureșan**) **Claudia**, Ciutină V.,Calinovici I.,Iancu Gh.,Ursachi C *Molybdenum, key factor in stimulating morpho-physiological and symbiotic processes*, Annales of the University of Craiova, vol IX, 2004, pg. 203-206, ISSN 1435-1275

##### **- Journals B CNCSIS**

D4. Ursachi Claudiu, Rodica Segal, **Claudia Mureșan**, 2009, *Vacuum impregnation viability of some fruits and vegetable*, *Journal of Agroalimentary Processes and Technologies*, vol. XV, nr. 2, pag. 316-319, Timișoara, România, ISSN 1453-1399

D5. **Mureșan Claudia**, Chiș S., Ciutina V., Palcu S., *The evolution of phenolic compounds during technological process at superiors red wines from Burgund variety*, Cercetări științifice – “Horticultură/Inginerie genetică”, Seria a XII-a, Ed. Agroprint Timișoara, 2008, pg. 102-105, ISSN 1453-1402

D6. **Mureșan Claudia**, Ciutina V., Chiș S., *The comparative evolution of red wines total polyphenols obtained from Burgund variety in Minis and Murfatlar vineyards*; Cercetări Științifice, Seria a XI-a, Univ. de Științe Agricole și Medicină Veterinară a Banatului Timișoara, Ed. Agroprint, 2007, pg.153-155, ISSN 1453-1402

D7. Palcu S., **Mureșan Claudia**, Chiș S., *Research regarding the toxicity of some plants from wild flora or Arad county*; Cercetări Științifice, Seria a XI-a, Univ. de Științe Agricole și Medicină Veterinară a Banatului Timișoara, Ed. Agroprint, 2007, pg.507-510, ISSN 1453-1402

D8. **Mureșan Claudia**, Chiș S., Palcu S., Elisabeta Ivan, *The influence of external enzymatic mixtures on the physicochemical characteristics of red wines from Minis vineyard*; Cercetări Științifice, Seria a XI-a, Univ. de Științe Agricole și Medicină Veterinară a Banatului Timișoara, Ed. Agroprint, 2007, pg.150-152, ISSN 1453-1402

D9. **Mureșan Claudia**, Ciutina V., Chiș S., Palcu S., *The influence of the climatic conditions over the evolution of the phenolic compounds from the Burgund grape variety from the vineyards from eastern and western side of Romania*; U.S.A.M.V.B. Timișoara; Cercetări Științifice, Seria a X-a, Ed. Agroprint, Timișoara, 2006, pg. 51-56, ISSN 1453-1402

D10. Palcu S., Câmpeanu Gh., Chiș S., **Mureșan Claudia**, *The effects of the physical factors on the morphophysiological and production indicators for pisum sativum in Arad agro-ecological area*; U.S.A.M.V.B. Timișoara; Cercetări Științifice, Seria a X-a, Ed. Agroprint, Timișoara, 2006, pg. 99-102, ISSN 1453-1402

D11. **Mureșan Claudia**, Dincă N., Popa Anca, Balancea M., *Identification of several volatile components from red wine*; Universitatea de Științe Agricole și Medicină Veterinară a Banatului Timișoara, Scientific researches, Agroalimentary processes and technologies, vol. XI nr. 2, 2005, pg. 321 – 326, Ed. Agroprint, Timișoara

D12. **Mureșan(Craiu)Claudia**, Popa Anca, Craiu I., Harja F., *Study regarding the antiradicalic activity of red wines polyphenols - vol. Cercetări Științifice; Procese și tehnologii alimentare*, Univ. de Științe Agricole și Medicină Veterinară a Banatului, Editura Agroprint, Timișoara, 2003, pg. 49-52, ISSN 1453-1399

D13. Popa Anca, **Mureșan(Craiu)Claudia**, Diaconescu D., Ursachi C., *Studies of antioxidant characteristics of some vegetables products. II. Determination of antioxidant power for some vegetables products extracts*, vol. Cercetări Științifice; Procese și tehnologii alimentare, Editura Agroprint, Timișoara, 2003, pg. 80-83, ISSN 1453-1399

#### **Papers published in journals and volumes of international conferences with reviewers (not indexed)**

D14. **Mureșan Claudia**, Palcu Sergiu, Ciutina Virgiliu, Dobromir Daniela, Dicu Anca, 2012, *The evolution of wine quality during technological process at superiors wines from Miniș vineyard*, International Symposium “Research and Education in Innovation Era”, 4-th Edition, 8-9<sup>th</sup> November, 2012, Arad

D15. Palcu Sergiu, **Mureșan Claudia**, Balint Maria, 2012, *Obtained results for pisum sativum culture fertilisation in order to improve some morpho-physiological and production parameters in Arad vegetable area*, International Symposium “Research and Education in Innovation Era”, 4-th Edition, 8-9<sup>th</sup> November, 2012, Arad

D16. Dicu Anca, Perța-Crișan Simona, **Mureșan Claudia**, Ursachi Claudiu, 2012, *Testing the antioxidant effect of some plant extracts on lipids*, International Symposium “Research and Education in Innovation Era”, 4-th Edition, 8-9<sup>th</sup> November, 2012, Arad

D17. Ursachi Claudiu, **Mureșan Claudia**, 2011, *The influence of preliminary vacuum impregnation treatment on the quality of candied fruit*, journal on processing and energynin agriculture, Novi Sad, vol 15, pg. 50-52, ISSN 1821-4487

D18. **Claudia Mureșan**, Anca Mihaela Dicu, Raluca Szabo, Dorina Chambre, *Analysis of high oleic oil produced from sunflower grown in Arad area*, 45<sup>st</sup> Croatian International Symposium on Agriculture, Opatija, Croatia, February 15-19, 2010, pg.859-863, ISBN 978-953-6331-79-6

D19. Oana Brînzan, **Claudia Mureșan**, Eugenia Țigan, 2010, *Romanian food safety legislation*, XIV International Eco-Conference VI Safe Food, Novi Sad, Serbia, pg..463-466, ISBN 978-86-83177-41-7

D20. Ursachi Claudiu, Rodica Segal, **Claudia Mureșan**, 2010, *Ascorbic acid enrichment of apple and quince by vacuum impregnation*, International Symposium Research and Education in Innovation Era, 3rd Edition, Universitatea " Aurel Vlaicu", Arad. ISSN 1582-1021

D21. Oana Brînzan, **Claudia Mureșan**, Eugenia Țigan, 2010, *Romanian food safety legislation and strategy*, International Symposium "Research and Education in Innovation Era", 3-rd Edition, 11-12<sup>th</sup> November, 2010, Arad

D22. Palcu S., Chiș S., **Mureșan Claudia**, 2010, *Studies and experimental research on some plants of the Fabaceae Family of B vitamins content under the action of syntethic fertilizers*, International Symposium "Research and Education in Innovation Era", 3-rd Edition, 11-12<sup>th</sup> November, 2010, Arad

D23. Ursachi Claudiu, Rodica Segal, **Claudia Mureșan**, 2009, *Vacuum impregnation pretreatment of fresh cut vegetable*, International Symposium "Interdisciplinary Regional Research" Romania-Hungary-Serbia; Hunedoara, România.

D24. S. Palcu, Gh. Câmpeanu, **Claudia Mureșan**, S. Chiș, V. Ciutina, *Fertilisation and Seed Bacterisation of Pisum Sativum*, 43<sup>st</sup> Croatian International Symposium on Agriculture, Opatija, Croatia, February 18-21, 2008 pg. 461-464, ISBN 978-953-6135-67-7

D25. **Mureșan Claudia**, *Comparative evolution regarding the content of red wines antocians from Burgund variety in Minis and Murfatlar vineyards*; International Conference „Research people and actual tasks on multidisciplinary sciences”, Lozenec, Bulgaria, 2007, pg. 283-286, ISBN 978-954-91147-3-7

D26. **Mureșan Claudia**, Ciutina V., Palcu S., Chiș S., Elisabeta Ivan, *The influence of external enzymatic mixtures on the physicochemical characteristics of red wines from Burgund variety in Minis vineyard*; International Conference „Research people and actual tasks on multidisciplinary sciences”, Lozenec, Bulgaria, 2007, pg. 283-286, ISBN 978-954-91147-3-7

D27. Palcu S., **Mureșan Claudia**, *Research into the toxicity of the some wild growing plants from Arad county*; 42<sup>st</sup> Croatian and 2<sup>nd</sup> International Symposium on Agriculture, University of Zagreb, Faculty of Agriculture, Croatia, 2007, pg. 96-97, ISBN 978-953-6135-56-1

D28. Crișan Simona, Hălmăgean L., **Mureșan Claudia**, *Studies of ambient air pollution by sulfur dioxide, nitrogen oxides and ammoniac in the agroecological area of Arad*; 42<sup>st</sup> Croatian and 2<sup>nd</sup> International Symposium on Agriculture, University of Zagreb, Faculty of Agriculture, Croatia, 2007, pg. 57-60, ISBN 978-953-6135-57-8

D29. **Mureșan Claudia**, *Comparative evolution regarding the content of red wines total polyphenols obtained from Burgund variety in Minis and Murfatlar vineyards*; Simpozionul Științific Internațional „Realizări și perspective în horticultură, viticultură, vinificație și silvicultură” Chișinău, Rep. Moldova, Lucrări Științifice vol. 15 (2), 2007, pg. 199-202, ISBN 978-9975-946-11-7

D30. **Mureșan Claudia**, Ciutina V., Hălmăgean L., Palcu S., Chiș S., *The physicochemical characteristics of red wines from Burgund variety obtained with external enzymatic mixtures during wine making process*; Simpozionul Științific Internațional „Realizări și perspective în horticultură, viticultură, vinificație și silvicultură” Chișinău, Rep. Moldova, Lucrări Științifice vol. 15 (2), 2007, pg. 196-198, ISBN 978-9975-946-11-7

D31. Ciutina V., **Mureșan Claudia**, Palcu S., *Rezultate privind selecția clonală la unele soiuri de viță de vie cultivate în vestul României*; Simpozionul Științific Internațional „Realizări și perspective în horticultură, viticultură, vinificație și silvicultură” Chișinău, Rep. Moldova, Lucrări Științifice vol. 15 (2), 2007, pg. 43-46, ISBN 978-9975-946-11-7

D32. **Mureșan Claudia**, *The influence of the enzymatic mixtures to the quality of superior red wines*; International Conference „Agricultura and Food Sciences, Processes and Technologies” „Lucian Blaga” University of Sibiu, 2007, pg. 59-62, ISSN 1843-0694

D33. **Mureșan Claudia**, *The physicochemical characteristics of red wines from Burgund variety in Minis vineyard*, Scientific and Technical Bulletin, "Aurel Vlaicu" University of Arad, Series: Chemistry, Food Science&Engineering, vol. 11, 2007, pg. 83-86, ISSN 1582-1021

D34. **Mureșan Claudia**, Dicu Anca, Dină N., Bulancea M., *Volatile compounds distinguishing from white wines*; 41<sup>st</sup> Croatian Symposium on Agriculture with International Participation, University of J.J.Strossmayer in Osijek, Faculty of Agriculture, Croatia, 2006, pg.743-745, ISBN 953-6331-39-X

D35. **Mureșan Claudia**, Ciutina V., Hălmăgean L., Ivan Elisabeta, *The impact of ecoclimate on quality of Burgund Mare grapes variety*; 41<sup>st</sup> Croatian Symposium on Agriculture with International Participation, University of J.J.Strossmayer in Osijek, Faculty of Agriculture, Croatia, 2006, pg. 740-742, ISBN 953-6331-39-X

D36. Dicu Anca, **Mureșan Claudia**, Ivan Elisabeta, *Determination method for antioxidant potential of some tea types*, 41<sup>st</sup> Croatian Symposium on Agriculture with International Participation, University of J.J.Strossmayer in Osijek, Faculty of Agriculture, Croatia, 2006, pg.679-681, ISBN 953-6331-39-X

D37. Hălmăgean L., Ciutina V., **Muresan Claudia**, *Microelements role in the biological fixation of atmospheric nitrate applied in ecological agriculture*, 41<sup>st</sup> Croatian Symposium on Agriculture with International Participation, University of J.J.Strossmayer in Osijek, Faculty of Agriculture, Croatia, 2006, pg.127-129, ISBN 953-6331-39-X

D38. Hălmăgean L., Ciutina V., **Mureșan Claudia**, – *Drumul vinului în Podgoria Aradului–Sursă de dezvoltare socio-economică și de recreere*, Turizmus – Utazas Szakkonferencia, Szeged, 2006, pg 50-53

D39. Dicu Anca, **Mureșan Claudia**, Simona Crișan, Virginia Faur, *Total antioxidant activity determination of some compounds from “Favidiab” tea*; Scientific and Technical Bulletin, “Aurel Vlaicu” University of Arad, Series: Chemistry, Food Science&Engineering, vol. 11, 2006, pg. 19-22, ISSN 1582-1021

D40. **Mureșan Claudia**, Dicu Anca, Ciutina V., Palcu S., *Enzimatic mixtures utilisation in superior red wines obtaining technology*; Scientific and Technical Bulletin, “Aurel Vlaicu” University of Arad, Series: Chemistry, Food Science&Engineering, vol. 11, 2006, pg. 152-155, ISSN 1582-1021

D41. **Mureșan(Craiu)Claudia**, Hălmăgean L., Popa Anca, Craiu I., Chiș S., *Pesticides application effect over the symbiotic processes in vegetable culture*; Natural Resources and Sustainable Agriculture – International Scientific Session Oradea – Debrecen, Part I, University of Oradea Publishing House; 2005, pg. 119-122; RO ISBN 973-613-898-4, HU ISBN 963-9274-887

D42. **Mureșan(Craiu)Claudia**, Hălmăgean L., Popa Anca, Iancu Gh., Canțar Liliana, *The effects of molybdenum microelement application in stimulating symbiosis and morpho-physiological processes for vegetables*; Natural Resources and Sustainable Agriculture – International Scientific Session Oradea – Debrecen, Part I, University of Oradea Publishing House; 2005, pg. 115-118; RO ISBN 973-613-898-4, HU ISBN 963-9274-887

D43. Ciutină V., **Mureșan(Craiu)Claudia**, Hălmăgean L., Popa Anca, Iancu Gh., *Researches concerning red wine grapes maturity in conditions of Miniș - Măderat wine-state*, 6<sup>th</sup> International Conference on Food Science, University of Szeged, 2004, ISBN 963 482 676 8

D44. Hălmăgean L., Merin V., Brînzan Oana, **Mureșan(Craiu)Claudia**, *Integrate Management for weed control in vegetable cultures in concordance with ecological zone*, 6<sup>th</sup> International Conference on Food Science, University of Szeged, 2004, ISBN 963 482 6768

D45. Hălmăgean L., **Mureșan(Craiu)Claudia**, Popa Anca, Iancu Gh., Harja F., *The influence of microelements in stimulating symbiotic and morpho-physiological process for seeding vegetables*, 6<sup>th</sup> International Conference on Food Science, University of Szeged, 2004, ISBN 963 482 676 8

D46. Hălmăgean L., **Mureșan(Craiu)Claudia**, *Seed bacterization in relation to the rates and the different methods of fertilizer application to vegetable seed crops*, XXXIX<sup>th</sup> Croatian Symposium on Agriculture with International Participation, University of Zagreb, Faculty of Agriculture, Croatia, 2004, pg. 345-346, ISBN 953-6135-40-X

D47. Calinovici I., Hălmăgean L., Zdremțan Monica, Canțar Liliana, **Mureșan(Craiu) Claudia**, *Estimation of water consumption in apple plantation through indirect method*, XXXIX<sup>th</sup> Croatian Symposium on Agriculture with International Participation, University of Zagreb, Faculty of Agriculture, Croatia, 2004, pg.771-772, ISBN 953-6135-40-X

D48. Zdremțan Monica, Ursachi C., Canțar Liliana, Hălmăgean L., **Mureșan(Craiu)Claudia**, *An improved method of obtaining new tabaco genotypes by using haploid method in androgenesis*, XXXIX<sup>th</sup> Croatian Symposium on Agriculture with International Participation, University of Zagreb, Faculty of Agriculture, Croatia, 2004, pg. 295-296, ISBN 953-6135-40-X

D49. Hălmăgean L., Ciutină V., Canțar Liliana, **Mureșan(Craiu)Claudia**, *Research conducted in the agro-ecological Arad on germination of garden bean depending on the phase of maturation*, Institutul de Cercetare - Dezvoltare pentru Legumicultură și Floricultură, Academia de Științe Agricole și Silvice „Gheorghe Ionescu Sisești” , 2004

D50. Segal Rodica, Popa Anca, **Mureșan(Craiu)Claudia**, *Methods for the determination of antioxidant activity of compounds from vegetable products*, Analele Universității „Aurel Vlaicu” Arad, Seria Chimie, Fascicola Industrie Alimentară, 2004, pg. 24-29, ISSN 1582-3415

D51. Hălmăgean L., Ciutină V., Calinovici I., **Mureșan(Craiu)Claudia**, *Nutrients Resources found added through symbiotal nitrogen fixation with bio-fertilizers aid*, Simpozion cu participare internațională „Cercetarea științifică, o punte spre integrarea europeană”; Analele Universității „Aurel Vlaicu” Arad, Seria Chimie, Fascicola Chimie și Protecția Mediului, 2004, pg. 264-270, ISSN 1582-3415

D52. **Mureșan(Craiu)Claudia**, Harja F., Rossi Fabiana, *The influence of polyphenolic compounds in red wine on health* Lucrările Simpozionului Internațional „Euro-Aliment 2003“, Galați, Editura Academica, 2003, pg. 98-100, ISBN 973-8316-68-5

D53. **Mureșan(Craiu)Claudia**, Craiu I., Ciurea Mihaela, Popa Anca, *Des recherches concernant l'évolution de certains indices du beurre dans le temps*, Scientific and Technical Bulletin, Series Chemistry, Food Science & Engineering, vol. 8, Universitatea „Aurel Vlaicu” Arad, 2003, pg. 60-66, ISSN 1582-1021

D54. L. Hălmăgean, Oana Brînzan, **Mureșan(Craiu)Claudia**, Monica Lungu, Gheorghe Iancu, *The influence of heavy metals pollution over the horticultural products*, Scientific and Technical Bulletin, „Aurel Vlaicu” University of Arad, Volum 8 (VIX), Arad, 2003, p. 94 – 98, ISSN 1582-1021

D55. **Mureșan Claudia**, Ciutina Virgil, Palcu Sergiu, Ursachi Claudiu, 2014, *The evolution of phenolic compounds during technological process at superiors red wines from minis vineyard*, International Symposium “Research and Education in Innovation Era”, 5-th Edition, Arad

D56. Palcu S., **Mureșan Claudia**, 2016, *Experimental research on the content of thiamine, riboflavin and pyridoxine of the family papilionaceae plants under the influence of fertilizer with microelements*, International Symposium “Research and Education in Innovation Era”, 6-th Edition, Arad

D57. Ursachi Claudiu, Dicu Anca, **Mureșan Claudia**, Perța Crișan Simona, 2016, *Nutritional evaluation of the students menus served at the aurel vlaicu university canteen*, International Symposium “Research and Education in Innovation Era”, 6-th Edition, Arad

#### E. Projects of research-development-innovation under contract / grant

Program / Project	Funcțiun	Period
The behavior of the antioxidant compounds during the planning process Contract 879/28.09.2004	research team member	2004 – 2005
Project BIOSUN Romitalia Contract nr. 4/2005 START CUP UDINE	research team member	2005 - 2007
PROIECT CEEEX 111/21.07.2006 MODUL 1 – Research excellence "Determination of complex glycosphingolipid expression in the central nervous system by polyfunctional integrated microchip devices coupled to high performance mass spectrometry”;	research team member	2006 – 2008
"Nutrition and diet for children with disabilities” Contract nr.32/24.10.2007 With the International Cooperation Agency of Japan	research team member	2007
Researches regarding the influence of irrigation and fertilization on growth and production processes in corn” - Contract research underway performer "Aurel Vlaicu University of Arad", beneficiary SC AGRO AR PRODUCT SRL	research team member	2007 – 2008
Research on the influence of irrigation and fertilization on growth and production processes sunflower” - Contract research underway performer "Aurel Vlaicu University of Arad", beneficiary S.A. Trei Mobile	research team member	2007 – 2008
Researches regarding the influence of irrigation and fertilization on growth and production processes for soya ; Contract Nr. 3043/15.12.2008	research team member	2008 - 2009
Research contract no. 563 / 19.05.2008 between "Aurel Vlaicu" of Arad and Research and Development Station for Viticulture and Winemaking Minis, jud. Arad, viticulture and winemaking theme "The influence of foliar fertilizer with trace elements on the quality grapes and red wine assortment Minis-Maderat Vineyard	contracts manager	2008 - 2009

<b>Program / Project</b>	<b>Funcțion</b>	<b>Period</b>
“ Pre-feasibility study on tourism development of the Mills Canal”, Finantator Asociatia Canalul Morilor, beneficiar UAV Arad , membru în echipa de cercetare, valoare 110 000 RON,finantator Asociatia Canalul Morilor, Beneficiar contract nr. 446/25.02.2009, UAV Arad	research team member	2009
Project code: POSDRU/125/5.1/S/131980 Project Title: "RE-active labor market ,, Professional integration of disadvantaged groups in the labor market "UAV ARAD	team member Course ,, Internal auditor for <i>Enviromental Management Systems</i> ” conform EN ISO 14001:2004 and EN ISO 19011:2011	2014 - 2015
Project code: POSDRU 2007-2013 Axa prioritară 5 / Domeniul major de intervenție 5.2 – ” Promoting long-term sustainability of rural areas in terms of human resources development and employment "ID 126 407 entitled" I want to change my destiny! "SC. EURO JOBS SRL Petroșani	team member Course ” Industrial spirits and liqueurs distiller”	07- 09. 2015
Project code: POSDRU/135/5.2/S/128939 Project Title: "RURAL PROGRESS! Sustainable development of rural areas of West and North-West "	team member Course ” Natural spirits distiller”	2015
Project „Ro-Boost SMEs” contract de finanțare nr. 649475, FRAMEWORK PARTNERSHIP AGREEMENT – Enterprise Europe Network (EEN)	team member Course „Specialist for Food Safety Management Systems” conform SR EN ISO 22000:2005 Noiembrie 2015	Nov 2015
PN-III-P3-3.1-PM-RO-FR-2016 <i>Valorisation of winery by-products - application for wastewater treatment</i> , director de proiect: Prof. dr. Florentina Munteanu, L. Copolovici, S. Gavrilas, C. Muresan. (40000 RON/8889Euro)	team member	01. 2017 - 12. 2018
National project CNFIS-FDI-2018-0347: Laboratory at the pilot distillation scale for student practice, Director : Copolovici Lucian, Members from DSTN: Copolovici Dana, Palcu Sergiu, Mureșan Claudia, Ciutina Virgiliu, Lungu Monica . Total approved value: 262.000 Lei	team member	2018
Proiect național de tip PCCDI: PN-III-P1-1.2-PCCDI2017-0569, Inchiderea lanțurilor de valoare din bioeconomie prin obținerea de bioproduse inovative cerute de piață, 01.06.2018-30.09.2020, director proiect Florin Oancea, Responsabil UAV: F. Munteanu, Membri: Lile R, Copolovici L, Copolovici D, Muresan C, Ursachi C, Gavrilas S, Condrat D.	team member	01. 2018 – 09. 2020

20.02.2019

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