



LISTA DE PUBLICAȚII ȘTIINȚIFICE RELEVANTE PENTRU REALIZĂRILE PROFESIONALE PROPRII

I. Cărți (Îndrumător de lucrări practice)

Otilia Cristina MURARIU, Liviu Mihai IRIMIA, Teodor ROBU, 2017 - Analiza și controlul calității produselor din legume și fructe – Îndrumător de lucrări practice, Editura Ion Ionescu de la Brad Iași, ISBN 978-973-147-250-8.

II. Teză de doctorat:

Otilia Cristina MURARIU, profesor univ. coordonator Paul Corneliu BOIȘTEANU
Specializarea: Tehnologia Produselor Animaliere, Domeniul: Zootehnie “Cercetări privind corelațiile dintre statusul morfofiziologic antesacrificare și proprietățile nutritiv- biologice ale cărnii de ovine”, Anul obținerii titlului de doctor: 2013; Universitatea de Științe Agricole și Medicină Veterinară Iași.

III. Lucrări științifice publicate *full text* în reviste cotate/ indexate ISI:

3.1. **Murariu O. C.**, Isan E., ROBU T., Irimia L. M., Dicu L., Ratu R. N., Murariu F.* 2018 - Evaluation of the Presence of the Pesticide Residues and it's Metabolites from Raw Materials Used as Sources for Ensuring a Healthy Nutrition for Athletes, Proceedings of the 4th International Conference of the Universitaria Consortium (ICU 2018): The impact of sport and physical education science on today's society, pp. 185-191, ISBN 978-88-87729-54-2; WofS IDS number: BN1GQ; <http://www.edlearning.it/ebook/BY23.pdf>.

3.2. Irimia L.M., Patriche C.V., **Murariu O.C.**, 2018 - The impact of climate change on viticultural potential and wine grape varieties of a temperate wine growing region, Applied ecology and environmental research, vol. 16 (3): pp. 2663 – 2680, ISSN 1589-1623; WofS IDS number: GK0EN; **Factor de impact în 2018 0,689**; DOI: 10.15666/aeer/1603_26632680; http://epa.niif.hu/02500/02583/00053/pdf/EPA02583_applied_ecology_2018_03_26632680.pdf.

3.3. **Otilia Cristina MURARIU**¹, Paul Corneliu BOIȘTEANU, Florin MURARIU*¹, 2019 - Researches regarding the evolution of ovines meat quality during refrigeration storage condition, Scientific Papers series D. Animal Science, volume LXII, no. 1, București, 242 – 249, ISBN 2285-5750; ; WofS IDS number: IW2MY; http://animalsciencejournal.usamv.ro/pdf/2019/issue_1/Art36.pdf;

3.4. Ratu, R.N.; Doliș M.G., **Murariu O.C.**, Hodorca R.M., Onose, I., Usturoi, M.G., 2018 - Studies Regarding Quantitative Evaluation of Milk Proteins Gathered from Different Animal Breeds as Source for a Healthy Nourishment of Athletes, Proceedings of the 4th International Conference of the Universitaria Consortium (ICU 2018): The impact of sport and physical education science on today's society, pp. 303-308, ISBN 978-88-87729-54-2; WofS IDS number: BN1GQ; <http://www.edlearning.it/ebook/BY23.pdf>.

3.5. Murariu F., **Murariu O. C.***, 2018 – Research regarding the influence of training programs jumping over obstacles of sport horses on competitive performance improving, Proceedings of the 4th International Conference of the Universitaria Consortium (ICU 2018):



The impact of sport and physical education science on today's society, pp. 177-183, ISSN 978-88-87729-54-2; WofS IDS number: BN1GQ; <http://www.edlearning.it/ebook/BY23.pdf>.

IV. Lucrări științifice publicate sub formă de *abstract* în reviste cotate ISI cu factor de impact:

- 4.1. **Murariu Otilia Cristina**, Robu Teodor, Ișan Elena, Irimia Liviu, Murariu Florin, 2019 - Researches regarding pesticides and it's metabolites dynamics in fruit in 2014 year marked in Romania and assessment of human health risks, Journal of Biotechnology, 2019, vol.305, pp. s68-s69, supplement:s, doi: 10.1016/j.jbiotec.2019.05.240 (ISI zona galbenă), **Factor de impact : 3,163**, ISSN 0168-1656; WofS IDS number: JF1AD; <https://www.sciencedirect.com/science/article/pii/S0168165619304043>.
- 4.2. Murariu, F.; Voda, A. D.; **Murariu O. C.*** 2019 - Researches on food safety assessment - supporting a healthy lifestyle for the population from NE of Romania, Journal of Biotechnology, vol.305, pp. s68-s68, supplement:s, DOI: 10.1016/j.jbiotec.2019.05.241, (ISI zona galbenă), **Factor de impact : 3,163**, ISSN 0168-1656; WofS IDS number: JF1AD; <https://www.sciencedirect.com/science/article/pii/S016816561930402X>.
- 4.3. Vodă Andreea Daniela, Robu Teodor, Robu Dragos, Murariu Florin, **Murariu Otilia Cristina***, 2019 - *Residues of pesticides and it's metabolites from vegetal products*, Journal of Biotechnology, vol.305, pp. s69-s69, supplement:s, DOI: 10.1016/j.jbiotec.2019.05.241, (ISI zona galbenă), **Factor de impact : 3,163**, ISSN 0168-1656; WofS IDS number: JF1AD; <https://www.sciencedirect.com/science/article/pii/S0168165619304055>.
- 4.4. **Otilia Cristina Murariu**, Florin Murariu, Ionuț Veleșcu, 2014 - The effects of processing on the vitamin C in peach compote, preserve and jam destined for the retail, Journal of Biotechnology-Elsevier, 2014, vol 185S, S80, DOI 10.1016/J.JBIOTEC.2014.07.275; **Factor de impact 3,163**; ISSN 0168-1656; WofS IDS number CC0NH; <https://www.sciencedirect.com/science/article/pii/S0168165614006208>.
- 4.5. Ionuț Veleșcu, Ioan Țenu, **Otilia Cristina Murariu**, 2014 - Influence of air drying temperature on kinetics, physical properties and ascorbic acid content of fruits, Journal of Biotechnology, 2014, vol 185S, S84, DOI 10.1016/j.jbiotech.2014.07.289; Factor de impact 3,221; ISSN 0168-1656; WofS IDS number CC0NH; <https://www.sciencedirect.com/science/article/pii/S0168165614006348>.
- 4.6. Florin Murariu, **Otilia Cristina Murariu**, Ioan Gîlcă, 2014 - Effects of 3 different interval training programs on horses used for obstacle courses. Evaluation based on blood lactate concentration, heart rate, obstacle faults, technique and energy level while jumping, Journal of Biotechnology-Elsevier, 2014, vol. 185S, pag. S47, DOI 10.1016/j.jbiotech.2014.07.158; Factor de impact 3,221; ISSN 0168-1656; WofS IDS number CC0NH; <https://www.sciencedirect.com/science/article/pii/S0168165614005033?via%3Dihub>.
- 4.7. **Otilia Cristina Murariu**, Florin Murariu, Paul Corneliu Boișteanu, Roxana Lazar, 2013 - Research regarding the chemical composition and nutritional value of ovines meat according to age, sex and breed, Current Opinion in Biotechnology, Elsevier, ISSN: 0958-1669, vol. 24 (1), pp. S52; DOI 10.1016/j.copbio.2013.05.124; Impact Factor: 8.083; WofS IDS number 203MU; <https://www.sciencedirect.com/science/article/abs/pii/S0958166913002401>.
- 4.8. **Otilia Cristina Murariu**, Florin Murariu, Paul Corneliu Boișteanu, 2013 - Variation of hematological ovines parameters according to genotype and age after the stabulation period, Current Opinion in Biotechnology - Elsevier, ISSN: 0958-1669, vol. 24 (1) pp. S 58; DOI



10.1016/j.copbio.2013.05.147; Impact Factor: 8.083; WofS IDS number 203MU;
<https://www.sciencedirect.com/science/article/abs/pii/S0958166913002632>.

4.9. Florin Murariu, **Otilia Cristina Murariu**, Ioan Gîlcă, Narcisa Postolache, 2013 – A biochemical study of a oxer jumping approach and technique esused by sport horses within Dumbrava, Timisesti stallion storage, Romania, Current Opinion in Biotechnology, Elsevier, vol. 24 (1), pp. 55; DOI 10.1016/j.copbio.2013.05.136; ISSN: 0958-1669, Impact Factor: 8.083; WofS IDS number 203MU;
<https://www.sciencedirect.com/science/article/abs/pii/S0958166913002528>.

4.10. Florin Murariu, **Otilia Cristina Murariu**, 2013 – Variation of amino acid content in *Longissimus dorsi* and *Triceps brachii* muscles in *Karakul* sheep according to age and muscle region, Current Opinion in Biotechnology, Elsevier, vol. 24 (6), pp. S55-S56; DOI 10.1016/j.copbio.2013.05.137; ISSN: 0958-1669, Impact Factor: 8.083; WofS IDS number 203MU;
<https://www.sciencedirect.com/science/article/abs/pii/S095816691300253X>.

V. Articole publicate (lucrări extenso) în reviste indexate BDI ca prim autor/corespondent/coautor:

5.1. **Murariu O. C.**, Irimia L. M., Robu T., Murariu F., Arsenoia V., 2018 – The influence of storage condition on some bioactive compounds of berrie fruits and those human health promoting, *Lucrări Științifice, Seria Horticultură*, vol 61 (2), pag. 221 – 228, USAMV Iași; ISSN 2069-8275;
http://www.uaiasi.ro/revista_horti/files/arhiva/Vol-61-2_2018.pdf.

5.2. **Otilia Cristina Murariu**, Liviu Irimia, Carmen Mihaela Diaconu, Florin Murariu, 2016 - The right of t a healthy live provided by a healthy eating support, *Universul juridic, Revista lunară*, ISSN 2393 – 3445; <http://revista.universuljuridic.ro/supliment/right-healthy-live-provided-healthy-eating-support/>.

5.3. **Otilia Cristina MURARIU**, 2015 – Research regarding the influence of storage condition on broccoli vitamin C content, *Lucrări științifice, Seria Agronomie*, vol. 58 (2);; PP 217 – 220; ISSN 1454-7414; [http://www.uaiasi.ro/revagrois/PDF/2015-2/paper/2015-58\(2\)_42-en.pdf](http://www.uaiasi.ro/revagrois/PDF/2015-2/paper/2015-58(2)_42-en.pdf).

5.4. **Otilia Cristina Murariu**, Liviu Irimia, Florin Murariu, Roxana Anghel, 2014 – Research on the apples quality marketed in the Moldova area from the physico- chemical and sensorial point of view, *Lucrări științifice*, vol. 57, nr. 1, Seria Horticultură, Ed. Ion Ionescu de la Brad, pag. 195 – 198 ISSN 1454-7376; http://www.uaiasi.ro/revista_horti-en/arhiva.php?an=2014.

5.5. **Murariu Otilia Cristina**, Boișteanu P. C., Lazăr R., Murariu F., 2014 – Variation of biochemical parameters of ovines blood according to genotype and sex after the stabulation period, *Bulletin UASVM Agriculture, Cluj – Napoca*, ISSN 1843-5262, vol. 71 (1); PP 73 – 75; DOI 10.15835/buasvmcn-asb:71:1:9513; <https://journals.usamvcluj.ro/index.php/zootehnie/article/view/9513/0>.

5.6. **Crăciun Otilia Cristina**, Lazăr R., Boișteanu P. C., 2012 – *Research regarding the biological value of meat protein from sheep*, *Lucrări Științifice, Seria Zootehnie, Iasi*, ISSN 1454-7368, vol. 57: 56 – 60; http://www.uaiasi.ro/zootehnie/Pdf/Pdf_Vol_57/Otilia_Craciun.pdf

5.7. **Crăciun (Murariu) Otilia Cristina**, Murariu F., Boișteanu P. C., 2012 – *Research regarding the sensorial profile characterization on lamb meat*, *Bulletin USAMVM Animal Science and Biotechnologies*



Cluj, ISSN 1843-5262, 69 (2): pp. 243 – 247; DOI 10.15835/ buasvmcn-agr:8767;
<https://journals.usamvcluj.ro/index.php/agriculture/article/view/8767/7439>.

5.8. **Crăciun Otilia Cristina**, Sabie V. A., Lazăr R., Boișteanu P. C., Gheorghită V., 2011 – *Research on determination of sheep carcasses degree and contamination during slaughter*, *Lucrări Științifice, Seria Zootehnie*, Iasi, ISSN 1454-7368, vol. 56: pp. 281 – 285;
<http://www.uaiasi.ro/zootehnie/Pdf/Pdf Vol 56/Otilia Craciun.pdf>.

5.9. **Crăciun Otilia Cristina**, Lazăr R., Boișteanu P. C., Atanasiu T., 2010 – *Research on the comparative characterization of structural composition of lambs and kids carcasses*, *Lucrări Științifice, Seria Zootehnie*, Iasi, ISSN 1454 – 7368; vol. 54, pp. 207 – 214;
<http://www.uaiasi.ro/zootehnie/Pdf/Pdf Vol 54/Otilia Craciun.pdf>.

5.10. Murariu Florin, Ioan Gîlcă, **Murariu Otilia Cristina***, 2014 - Research regarding the kinematic analysis of a oxer jumping in young horses within Dumbrava, Timișești stallions storage, Romania, *Bulletin UASVM Agriculture Science and Biotechnology*, Cluj – Napoca, DOI 10.15835/buasvmcn-asb:71:1:9471; ISSN 1843-5262, 71 (1), pag. 71 – 72;
<https://journals.usamvcluj.ro/index.php/zootehnie/article/view/9471/8489>

5.11. Vlad Nicolae Arsenoia, Băetu Marius, Murariu Otilia Cristina, Robu Dragoș, Carlescu Petru Marian, Țenu Ioan, 2018 – Performance assessments and the effect of barley seed quality regarding a new developed grain dryer, *Lucrări Științifice – vol 61 (2), Seria Agronomie*, pp. 21 – 24; ISSN 1454-7414
<http://www.uaiasi.ro/revagrois/PDF/2018-2/paper/03.pdf>.

5.12. Lazăr Roxana, Boișteanu Paul Corneliu, **Crăciun Otilia Cristina**, Petrescu Casiana, 2011 - *Slaughter characterization of turkey at S.C. Galli Gallo Codlea Company*, *Scientific papers of 39th International Communications of the Animal Science Bucharest, seria D*, ISSN 1843-6048, LIII-223 – 228.

5.13. Atanasiu T., Pascal C., Iftimie N., Cristian C., **Crăciun Otilia Cristina**, 2010 - *Study performance of hybrid sheep obtained from crossing of Awassi rams with Țigaie ewe*, *Lucrări Științifice- Seria Zootehnie*, ISSN 1454 - 7368 vol. 53: 220 – 223;
<http://www.uaiasi.ro/zootehnie/Pdf/Pdf Vol 53/T Atanasiu.pdf>.

5.14. Robu Maria, Chiran A., Vntu C. R., Murariu O., Robu A., Leonte E., 2019 – Aspects regarding the marketing strategies for small agri-food producers, a case study on “Legumele de acasă” Târgu – Frumos, *Lucrări Științifice – vol. 62(2), Seria Agronomie*, pp. 51 – 56.

VI. Articole publicate în calitate de coautor în volume ale unor Congrese/Conferințe internaționale pe domenii (cu ISBN/ISSN)

6.1. **MURARIU Otilia Cristina**¹, IRIMIA Liviu Mihai, ROBU Maria¹, IȘAN Elena^{1*}, 2019 - Ensuring Nutrition Security And Sustainability Of Food Systems As Basis Of Human Healthy Life, *Proceeding of the International Scientific Congress „Life sciences, a challenge for the future”* Filodiritto International Proceedings Editore, ISBN 978-88-85813-63-2, pag. 175 – 180.

6.2. **MURARIU Otilia Cristina**, IȘAN Elena, ROBU Teodor, IRIMIA Liviu, DICU Luminița, MURARIU Florin, 2019 – 2020 - Researches regarding the pesticide residues



content from vegetable raw material and some derived products and the evaluation of consumers potential risks, *Lucrare publicată la 10th International Conference on Environmental engineering and Management*, acceptată în data de 31.10.2020 pentru publicare în volumul *ISI Environmental Engineering and Management Journal*.

6.3. **Murariu O.C.,** Dîrțu A., Robu D., Irimia L., Murariu F., Robu T, 2017 – The influence of storage condition on some bioactive compounds and health promoting properties of fruit berry, *International Conference on Environmental Engineering and Management – ICEEM 09, Conference Abstarct Book Bologna, Italia.*

6.4. **Crăciun (Murariu) Otilia Cristina,** Boișteanu P. C., Saida Favotto, Edi Piasentier, 2013 - Research regarding the sensorial profile characterization on lamb meat, *Internatinal Conference of PhD Students „Durable agriculture and food security priority objectives in research activity of the Ph.D. students from UASVM Iasi”*, Iași, Vol.I, pg. 190.

6.5. **Murariu Otilia Cristina,** Murariu Florin, Axinte Lorica, Baciuc Cristina, 2013 - Evaluarea senzorială a cărnii de miel în funcție de regimul de alimentație administrat, *Simpozion Științific Internațional „Colegiul Agricol și de Industrie Alimentară „V. Adamachi” vol. 1.*

6.6. Postolache Narcisa, Ciobanu Marius, **Murariu Otilia Cristina,** 2013 - Cercetări privind evaluarea performanțelor productive, cantitative și calitative realizate de hibridul “Cobb 500” în condițiile de exploatare și sacrificare de la SC Rom Trading Company SRL, Iași, *Simpozion Științific Internațional „Colegiul Agricol și de Industrie Alimentară „V. Adamachi” vol. 1.*

6.7. Baciuc Cristina, Axinte Lorica, Carp Mioara, **Murariu Otilia Cristina,** 2013 - *The efficiency of onion growing in ecological condition in 2011, 2012*, *Simpozion Științific Internațional „Colegiul Agricol și de Industrie Alimentară „V. Adamachi” vol. 1.*

6.8. **Crăciun Otilia Cristina,** Lazăr R., Boișteanu P. C., 2012 - *Research regarding the biological value of meat protein from sheep*, *Revista științifică studențească, Zootehnie.*

6.9. **Crăciun Otilia Cristina,** Murariu F., Boișteanu P. C., 2011 - *Comparative studies on the physiology of blood in sheep and goats*, *Revista științifică studențească, Zootehnie.*

6.10. **Crăciun Otilia Cristina,** Coșuleanu A., Boișteanu P. C., Atanasiu T., 2012 - *Research on determination chemical composition of the sheep meat*, *Revista științifică studențească, Zootehnie.*

6.11. **Crăciun O. C.,** Lazăr R., Boișteanu P. C., 2012 - Studiu privind valoarea biologică a proteinelor din carnea de ovine, *Gazeta de Agricultură, Creșterea Animalelor, Ovine/Caprine.*

VII. **Lucrări științifice premiate:**

7.1. **Crăciun Otilia Cristina,** Lazăr R., Boișteanu P. C., 2012 – *Research regarding the biological value of meat protein from sheep*, *Lucrări Științifice, Seria Zootehnie, Iasi, ISSN 1454-7368, vol. 57: 56 – 60.*

7.2. Atanasiu T., Pascal C., Ifimie N., Cristian C., **Crăciun Otilia Cristina,** 2010 - *Study performance of hybrid sheep obtained from crossing of Awassi rams with Țigăie ewe*, *Lucrări Științifice- Seria Zootehnie, vol. 53: 220 – 223.*

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