

FIȘA DE VERIFICARE

a îndeplinirii standardelor universității de prezentare la concurs pentru postul de șef lucrări
PALADE LAURENTIU MIHAI

Indicator		Punctaj acordat	Număr puncte care revin candidatului			
A	A1	Tratate, monografii, cursuri universitare publicate la edituri de prestigiu din străinătate	PA1=∑ Npg			
		Palade, L. M., & Chedea, V. S.. <i>Antioxidant/pro-oxidant action of polyphenols from grape seeds</i> . In Grape Seeds: Nutrient Content, Antioxidant Properties and Health Benefits (pp. 27–56). Ed. Nova Science Publ., 2016, ISBN 978-1-63484-592-2 https://novapublishers.com/shop/grape-seeds-nutrient-content-antioxidant-properties-and-health-benefits/	30			
		Cărți publicate la edituri din Republica Moldova	PA1=∑ 0,5 Npg			
	A2	Tratate, monografii, cursuri universitare publicate la edituri naționale recunoscute CNC SIS	PA2=∑ 0,5 Npg			
	A3	Culegeri de probleme, îndrumare de laborator, îndrumare de proiect, publicate în edituri naționale recunoscute CNC SIS	PA3=∑ 0,3 Npg			
	A4	Coordonarea unor colective de autori ale unor lucrări publicate KA = 20 (cursuri universitare, tratate, monografii) KA = 10 (îndrumare de laborator, culegeri de probleme, îndrumare de proiect)	PA4= ∑ KA			
		PA = PA1+PA2+PA3 + PA4	PA = 30			
B	Formula de calcul		PB= ∑ Kp/Naut			
	Articole publicate în reviste cotate ISI		Kp = 2500 x factorul de impact	Factor de impact	Nr. aut.	
	1	Palade, L. M., Negoită, M., Adascălului, A. C., & Mihai, A. L. (2023). Polycyclic aromatic hydrocarbon occurrence and formation in processed meat, edible oils, and cereal-derived products: A review. Applied Sciences, 13(13), 7877. https://doi.org/10.3390/app13137877	2,5	2500	4	1562,50
	2	Popescu, P. A., Palade, L. M., Nicolae, I. C., Popa, E. E., Miteluț, A. C., Drăghici, M. C., ... & Popa, M. E. (2022). Chitosan-Based Edible Coatings Containing Essential Oils to Preserve the Shelf Life and Postharvest Quality Parameters of Organic Strawberries and Apples during Cold Storage. Foods, 11(21), 3317. https://doi.org/10.3390/foods11213317	4,7	2500	8	1468,75
	3	Palade, L. M., Croitoru, C., Albu, C., Radu, G. L., & Popa, M. E. (2021). Identification of Tentative Traceability Markers with Direct Implications in Polyphenol Fingerprinting of Red Wines: Application of LC-MS and Chemometrics Methods. Separations, 8(12), 233. https://doi.org/10.3390/separations8120233	2,5	2500	5	1250,00
	4	Palade, L. M., Dore, M. I., Marin, D. E., Rotar, M. C., & Taranu, I. (2021). Assessment of Food By-Products’ Potential for Simultaneous Binding of Aflatoxin B1 and Zearalenone. Toxins, 13(1), 2. https://doi.org/10.3390/toxins13010002	3,9	2500	5	1950,00
	5	Marin, D. E., Bulgaru, C. V., Anghel, C. A., Pistol, G. C., Dore, M. I., Palade, M. L., & Taranu, I. (2020). Grape seed waste counteracts aflatoxin B1 toxicity in piglet mesenteric lymph nodes. Toxins, 12(12), 800. https://doi.org/10.3390/toxins12120800	3,9	2500	7	1392,86
6	Grosu, I.A., Pistol, G.C., Marin, D.E., Cișmileanu, A., Palade, L.M., Țăranu, I. (2020). Effects of Dietary Grape Seed Meal Bioactive Compounds on the Colonic Microbiota of Weaned Piglets with Dextran Sodium Sulfate-Induced Colitis Used as an Inflammatory Model. Frontiers in Veterinary Science, 7:31. https://doi.org/10.3389/fvets.2020.00031	2,6	2500	6	1083,33	

7	Reyes-Camacho, D., Vinyeta, E., Pérez, J.F., Aumiller, T., Criado, L., Palade , L.M., Taranu, I., Folch, J.M., Calvo, M.A., Van der Klis, J.D., Solà-Oriol, D. (2020). Phytogenic actives supplemented in hyperprolific sows: effects on maternal transfer of phytogenic compounds, colostrum and milk features, performance and antioxidant status of sows and their offspring, and piglet intestinal gene expression. <i>Journal of Animal Science</i> , 98(1), skz390. https://doi.org/10.1093/jas/skz390	2,7	2500	11	613,64
8	Palade , L. M., Habeanu, M., Marin, D. E., Chedea, V. S., Pistol, G. C., Grosu, I. A., Gheorghe, A., Ropota, M. and Taranu, I. (2019). Effect of Dietary Hemp Seed on Oxidative Status in Sows during Late Gestation and Lactation and Their Offspring. <i>Animals</i> , 9(4), 194. https://doi.org/10.3390/ani9040194	2,7	2500	9	750,00
9	Chedea, V. S., Palade , L. M., Pelmus, R. S., Dragomir, C., and Taranu, I. (2019). Red Grape Pomace Rich in Polyphenols Diet Increases the Antioxidant Status in Key Organs—Kidneys, Liver, and Spleen of Piglets. <i>Animals</i> , 9(4), 149. https://doi.org/10.3390/ani9040149	2,7	2500	5	1350,00
10	Taranu, I., Marin, D. E., Palade , L. M., Pistol, G. C., Chedea, V. S., Gras, M. A., & Rotar, C. (2019). Assessment of the efficacy of a grape seed waste in counteracting the changes induced by aflatoxin B1 contaminated diet in performance, plasma, liver and intestinal tissues of pigs after weaning. <i>Toxicon</i> . 162, 24-31. https://doi.org/10.1016/j.toxicon.2019.02.020	2,6	2500	7	928,57
11	Palade , L. M., Croitoru, C., and Arnous, A. (2019). Preliminary assessment for the synthesis of lignin-type molecules using crude onion peroxidase. <i>Chemical Papers</i> , 73(4), 801–810. https://link.springer.com/article/10.1007/s11696-018-0651-z	2,1	2500	3	1750,00
12	Marin, D E, Pistol, G. C., Gras, M., Palade , M., and Taranu, I. (2018). A comparison between the effects of ochratoxin A and aristolochic acid on the inflammation and oxidative stress in the liver and kidney of weanling piglets. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 391(10), 1147–1156. https://link.springer.com/article/10.1007/s00210-018-1538-9	3,1	2500	5	1550,00
13	Chedea, V. S., Palade , L. M., Marin, D. E., Pelmus, R. S., Habeanu, M., Rotar, M. C., Gras, M. A., Pistol, G. C. and Taranu, I. (2018). Intestinal absorption and antioxidant activity of grape pomace polyphenols. <i>Nutrients</i> , 10(5), 588. https://doi.org/10.3390/nu10050588	4,8	2500	9	1333,33
14	Taranu, I., Habeanu, M., Gras, M. A., Pistol, G. C., Lefter, N., Palade , M., Ropota, M., Chedea, V. S. and Marin, D. E. (2018). Assessment of the effect of grape seed cake inclusion in the diet of healthy fattening-finisher pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 102(1), e30-e42. https://onlinelibrary.wiley.com/doi/10.1111/jpn.12697	2,2	2500	9	611,11
15	Ciurescu, G., Vasilachi, A., Ropota, M., Palade , M., and Dragomir, C. (2017). Beneficial effects of increasing dietary levels of raw lentil seeds on meat fatty acid and plasma metabolic profile in broiler chickens. <i>Indian Journal of Animal Sciences</i> , 87(11), 1385–1390. https://epubs.icar.org.in/index.php/IJAnS/article/view/75892	0,2	2500	5	100,00
16	Marin, D. E., Pistol, G. C., Gras, M. A., Palade , L. M., and Taranu, I. (2017). Comparative effect of ochratoxin A on inflammation and oxidative stress parameters in gut and kidney of piglets. <i>Regulatory Toxicology and Pharmacology</i> , 89, 224–231. https://doi.org/10.1016/j.yrtph.2017.07.031	3	2500	5	1500,00
17	Marin, D. E., Braicu, C., Gras, M. A., Pistol, G. C., Petric, R. C., Berindan Neagoe, I., Palade , M. and Taranu, I. (2017). Low level of ochratoxin A affects genome-wide expression in kidney of pig. <i>Toxicon</i> , 136, 67–77. https://doi.org/10.1016/j.toxicon.2017.07.004	2,6	2500	8	812,50
19	Tair, A., Weiss, E.-K., Palade , L. M., Loupassaki, S., Makris, D. P., Ioannou, E., Roussis, V., and Kefalas, P. (2014). <i>Origanum</i> species native to the island of Crete: in vitro antioxidant characteristics and liquid chromatography–mass spectrometry identification of major polyphenolic components. <i>Natural Product Research</i> , 28(16), 1284–1287. https://doi.org/10.1080/14786419.2014.896011	1,9	2500	8	593,75

20	Malićanin, M., Rac, V., Antić, V., Antić, M., Palade , L. M., Kefalas, P., and Rakić, V. (2014). Content of antioxidants, antioxidant capacity and oxidative stability of grape seed oil obtained by ultra sound assisted extraction. Journal of the American Oil Chemists' Society, 91(6), 989–999. https://link.springer.com/article/10.1007/s11746-014-2441-2	1,9	2500	7	678,57
Articole publicate în reviste indexate ISI care nu au factor de impact		Kp = 250		-	
Articole publicate în reviste internaționale (din străinătate), necotate ISI, dar indexate în alte BDI sau publicate (in extenso, nu doar rezumatul) în volumele conferințelor internaționale indexate ISI		Kp = 150			
1	Taranu, I., Pistol, G. C., Palade , M. L., Bulgaru, C. V., Habeanu, M., Anghel, A. C., & Marin, D. (2022). Dietary Inclusion Of Saccharomyces Cerevisiae Fermented Rapeseed Meal Modulated Immune, Oxidant And Antioxidant Indices In Piglets After Weaning. Scientific Papers: Series D, Animal Science-The International Session of Scientific Communications of the Faculty of Animal Science, 65(1). https://animalsciencejournal.usamv.ro/pdf/2022/issue_1/Art28.pdf		150	7	21,43
2	Palade , L. M., Perte, A. M., & Taranu, I. (2021). Response of antioxidant status in kidney of pigs exposed to aflatoxin B1 to dietary grape seed meal. Archiva Zootechnica, 24(1), 17-30. https://www.ibna.ro/arhiva/AZ-24-1/2021-V24-1-02-Palade-Mihai.pdf		150	3	50,00
3	Reyes-Camacho, D., Pérez, J. F., Vinyeta, E., Aumiller, T., Criado-Mesas, L., Palade , L. M., ... & Solà-Oriol, D. (2020). Neonatal programming of piglet gut health and postnatal effects by maternal transfer of phytochemical compounds supplemented in gestating and lactating hyperprolific sows. Research Square. DOI: 10.21203/rs.3.rs-52150/v1. https://assets.researchsquare.com/files/rs-52150/v1/704320f2-4763-4459-bac2-b3389d1a323a.pdf?c=1631849855		150	10	15,00
4	Taranu, I., Gras, M. A., Habeanu, M., Pistol, G. C., Lefter, N., Palade , M. L., ... & Marin, D. E. (2020). Active ingredients from oil by-products modulate spleen inflammatory and antioxidant response in pigs. Archiva Zootechnica, 23(1), 81-97. http://www.ibna.ro/arhiva/AZ-23-1/2020-V23-1-08-Taranu.pdf		150	9	16,67
5	Pelmuș, R. Ș., Lazăr, C., Palade , M. L., Stancu, M., Rotar, C. M., & Gras, M. A. (2020). Study on milk composition and milk protein distribution in Romanian Holstein cattle. Archiva Zootechnica 23 (1), 13-21 http://www.ibna.ro/arhiva/AZ-23-1/2020-V23-1-02-Pelmuș.pdf		150	6	25,00
6	Marin, D.E., Bulgaru, C.V., Palade , L.M., Pistol, G.C., Gras, M.A., Taranu, I. (2019). Effect of the grape seed meal administration on inflammation and oxidative stress in the spleen of piglets fed aflatoxin B1. Archiva Zootechnica, 22(2), 22–31. https://ibna.ro/arhiva/03-AZ-155-D-Marin-03-03-2020.pdf		150	6	25,00
7	Pistol, G. C., Palade , L. M., Marin, D. E., Stancu, M., & Taranu, I. (2019). The effect of grape wastes, wine industry byproducts, on inflammatory and antioxidant biomarkers in post-weaning piglets. Lucrări Științifice-Universitatea de Științe Agricole Și Medicină Veterinară, Seria Zootehnie, 71, 219-223. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_71/Gina_Pistol.pdf		150	5	30,00
8	Palade , L. M., and Popa, M. (2018). Polyphenol Fingerprinting Approaches in Wine Traceability and Authenticity: Assessment and Implications of Red Wines. Beverages, 4(4), 75. https://doi.org/10.3390/beverages4040075		150	2	75,00
9	Saracila, M., Panaite, T. D., Vlaicu, P. A., Tabuc, C., Palade , M. L., Gavris, T., & Criste, R. D. (2018). Dietary Willow Bark Extract for Broilers Reared Under Heat Stress. Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Animal Science & Biotechnologies, 75(2). https://pdfs.semanticscholar.org/cd26/deea48e3d19f45810ec06411351f0b5c775d.pdf		150	7	21,43

10	Marin, D. E., Pistol, G. C., Gras, M., Palade , M., and Taranu, I. (2018). Effect of Cereal Contaminants on the Inflammation and Oxidative Stress in the Gut of Weanling Piglets. Scientific Papers: Animal Science & Biotechnologies, 51(1). https://spasb.ro/index.php/public_html/article/view/1004/952	150	5	30,00
11	Taranu, I., Habeanu, M., Palade , L. M., and Marin, D. (2018). Beneficial Effect of Dietary Bioactive Compounds from Residual Nuts, a By-Product of Pastry on Antioxidant Defense in Pigs after Weaning. Scientific Papers: Animal Science & Biotechnologies, 51(1). https://spasb.ro/index.php/public_html/article/view/1006/954	150	4	37,50
12	Taranu, I., Habeanu, M., Gras, M. A., Pistol, G. C., Lefter, N., Palade , M., Ropota, M., Chedea, V.S. and Marin, D. E. (2017). Effect of xenobiotic compounds from grape waste on liver function and oxidative status in pigs. Archiva Zootechnica, 20(2). https://ibna.ro/arhiva/AZ-20-2/01-Taranu.pdf	150	9	16,67
13	Pistol, G. C., Chedea, V., Palade , L. M., Marin, D. E., Calin, L., Stancu, M., and Taranu, I. (2017). Use of high polyphenols grape seeds cakes to modulate the inflammatory status and piglet health during the post-weaning period. Lucrări Științifice-Universitatea de Științe Agricole Și Medicină Veterinară, Seria Zootehnie, 68, 22–28. https://repository.uaiasi.ro/handle/20.500.12811/913	150	7	21,43
14	Habeanu, M., Lefter, N., George, A., Tabuk, K., Dumitru, M., Ciruesku, G., & Palade , M. (2017). Effects of dietary peas mixed with linseed (3: 1) on the growth performance, enteritis and certain serum parameter in weaned piglets. Food and Feed research, 44(2), 173-180. https://scindeks.ceon.rs/Article.aspx?artid=2217-53691702173H&lang=en	150	7	21,43
15	Habeanu, M., Tabuc, C., Gheorghe, A., Ropota, M., Dumitru, M., Călin, L., ... & Palade , M. (2016). Preliminary study on the interrelation between sow milk quality and litter performance in relation to their health. Scientific Papers-Animal Science Series, 66, 35-40. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_66/Mihaela_Habeanu.pdf	150	8	18,75
16	Chedea, V.S., Pelmus, R. S., Cismileanu, A. E., Pistol, G. C., Palade , L.M., and Taranu, I. (2016). Total polyphenols content, antioxidant activity and stability of a grape pomace incorporated in animal feed. Scientific Papers Animal Science & Biotechnologies, 49(1), 1–5. https://www.cabidigitallibrary.org/doi/pdf/10.5555/20163196548	150	6	25,00
17	Chedea, V. S., Palade , L. M., Rotar, M. C., Călin, L. G., and Dragomir, C. (2015). The anthocyanin composition of a red grape pomace in relation with the wine industry by- products valorization in animal feed. Lucrări Științifice Seria Horticultură, 58(1), 29–34. https://repository.uaiasi.ro/xmlui/handle/20.500.12811/2399	150	5	30,00
18	Palade , M., & Popa, M. E. (2015). GC-MS headspace characterization of the volatile profile of grape skin, pulp and seed extracts for three romanian varieties. Scientific Bulletin. Series F. Biotechnologies, 19, 2285-1364. http://biotechnologyjournal.usamv.ro/pdf/2015/Art30.pdf	150	2	75,00
19	Dobre, A., Marin, L., Manole, C., Golea, D., Palade , L. M., Tudora, C., & Cornea, C. P. (2015). Detection of Antagonistic Activity of Bacteria Against Phytophthora infestans and Pythium debaryanum. Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Veterinary Medicine, 72(1). https://journals.usamvcluj.ro/index.php/agriculture/article/view/11185	150	7	21,43
20	Palade , L. M., Manole, C., Dobre, A., Marin, L., Golea, D., & Tudora, C. (2015). Changes in Phenolics and Protein Content during Seed Dermination of Carthamus tinctorius L. Bulletin USAMV series Agriculture, 72, 1. https://journals.usamvcluj.ro/index.php/agriculture/article/view/10678	150	6	25,00
21	Palade , L. M., and Popa, M. E. (2014). Wine traceability and authenticity–A literature review. Scientific Bulletin. Series F. Biotechnologies, 18, 226–233. http://biotechnologyjournal.usamv.ro/pdf/2014/Art39.pdf	150	2	75,00
22	Palade , L. M., Marin, L., Manole, C., & Butu, A. (2014). Influence of Volatile Oils on the In Vitro Growth of Phytophthora Infestans. Bulletin UASVM Animal Science and Biotechnologies, 71, 2. https://journals.usamvcluj.ro/index.php/zootehnie/article/view/10680	150	4	37,50

Articole publicate în reviste de specialitate recunoscute de CNC SIS anterior lunii mai 2011, categoria B+	Kp = 100	-
Articole publicate în reviste de specialitate recunoscute de CNC SIS anterior lunii mai 2011, categoria B	Kp = 80	-
Articole publicate (în extenso, nu doar rezumatul) în volumele conferințelor științifice internaționale, neindexate ISI	Kp = 100	-
Articole publicate (în extenso, nu doar rezumatul) în volumele conferințelor științifice naționale	Kp = 50	-
Lucrări/studii prezentate la manifestări științifice internaționale sau naționale cu comitet de program	Kp = 30	
Prezentari orale		
1. Palade L.M. , Marin D.E., Taranu I., Mycotoxin reduction in animal feed: detoxifying potential of adsorbent materials used as feed additives, <i>16th International Symposium of Animal Biology and Nutrition</i> , INCDBNA Balotesti, Romania, (2021)	30	10,00
2. Palade, L. M. , Marin, D. E., Pistol, G. C., Grosu, A. I., Gheorghe, A., Habeanu, M., Țăranu, I. Dietary Cannabis sativa L. (Hemp) seed meal improves oxidative stress response in sows and offspring, <i>14th International Symposium of Animal Biology and Nutrition</i> , Bucharest, Romania, (2017)	30	4,29
Prezentari poster		
1. Pistol, G. C., Palade, L. M. , Chedea, V., Grosu, I., Marin, D. E., Stancu, M. and Taranu, I., The effects of grape waste bioactive compounds on the immune response and oxidative stress in pig kidney, <i>14th International Symposium of Animal Biology and Nutrition</i> , 28-29 September 2017, Bucharest, Romania	30	6,00
2. Marin, D. E.; Pistol, G. C.; Chedea, V.; Palade, M. , Taranu, I., The effect of soy extract on intestinal inflammation and oxidative stress, „11th World Congress on Polyphenols Applications: Vienna Polyphenols 2017., 20-21 Iunie, Vienna, Austria	30	7,50
3. Taranu, I., Pistol, G.C., Marin, D. E., Palade, M. , The effect of grape waste enriched in polyphenols on immune status and inflammation in pigs, „11th World Congress on Polyphenols Applications: Vienna Polyphenols 2017., 20-21 Iunie, Vienna, Austria	30	6,00
4. Palade, L. M. , Bello, C., Natella, F., Popa, M.E., and Taranu, I., Concentration dependent behaviour of polyphenol model solutions towards the inhibition of copper-mediated low density lipoprotein (LDL) oxidation. “4th International ISEKI_Food Conference 2016”, Vienna, Austria, July 6-8, 2016	30	5,00
5. Marin, D., Chedea, V., Ropota, M., Palade, M. , Pelmus, R., Taranu, I., A comparative analysis of polyphenols and fatty acids contents in methanol and acetone extracts from walnut and pumpkin meals. 10th World Congress on Polyphenols Applications June 29 to July 1, 2016 - Porto, Portugal.	30	5,00
6. Taranu, I., Grosu, I., Gras, A. M., Palade, M. , Chedea, V.S., Marin, D.E.. Modulation of immune and antioxidant response in weaned piglets by bioactive compounds from grape seed by-product. 10th World Congress on Polyphenols Applications June 29 to July 1, 2016 - Porto, Portugal.	30	10,00
7. Chedea, V.S., Palade, L.M. , Taranu, I., Valorization of wine industry waste as a source of antioxidants for an enriched animal diet- actions of grape seed extracts. FOODSEG Symposium 2015: The Network 14 +, 23-24 April, Rome	30	4,29
8. Chedea, V.S., Calin, L.G., Kefalas, P., Stancu, M., Palade, L.M. , Marin, D.E., Taranu, I., The inclusion of grape pomace in weaning pig diet influences the humoral immune response. Romanian Society of Biochemistry and Molecular Biology, Anniversary Conference 25 years of promoting molecular life sciences, Bucharest, 17-18 September, 2015	30	4,28
Brevete de invenție, omologate de organisme internaționale (din străinătate) recunoscute	Kp = 7500	-
Brevete de invenție, omologate de OSIM	Kp = 2500	-
PB	PB =	22055,49

C	C1	Formula de calcul	$PC1 = \sum Kf \times \frac{Vc}{5000 \times N}$ aut $Kf = 6$ (director) $Kf = 2$ (membru)			
		Contracte realizate în ultimii 5 ani				
	C2	Formula de calcul	$PC2 = \sum Kf$ $Kf = 3$ (director) $Kf = 1$ (membru)			
		Contracte realizate în perioada anterioară ultimilor 5 ani	-			
		PC = PC1+PC2			PC =	0
D		Citări ale lucrărilor publicate (pentru fiecare citare se acordă 25 de puncte)				
			Scopus	Nr. citări 526 (without self citations)	25	13150
		PD			PD =	13150

PT = PA + PB + PC + PD

PT = 35235,49

CANDIDAT,
Palade Laurențiu Mihai

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