

Anexa nr. 19 - COMISIA DE BIOLOGIE ȘI BIOCHIMIE

STANDARDE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE DIN ÎNVĂȚĂMÂNTUL SUPERIOR ȘI A GRADELOR PROFESIONALE DE CERCETARE-DEZVOLTARE

Cf. Ordin 6129/20 dec 2016 in temeiul HG 44/2016, publicat in Monitorul Oficial al Romaniei, partea I, nr 123 din 15 feb 2017

A. Condiții preliminare obligatorii1. Calificarea profesionala: titlul de **Doctor în științe**, domeniul **Biologie**, conferit cf. Ordinului MEC nr. 3824/03.05.2006

2. Articole științifice ca autor principal:

- pentru **Abilitare**: minimum 4 articole în reviste cotate ISI cu AIS cumulat mai mare sau egal cu **4**, din care 2 articole cu AIS de cel puțin **0,3** în ultimii 5 ani

2a. Minimum 4 articole în reviste cotate ISI cu AIS cumulat mai mare sau egal cu 4 in ultimii 5 ani (AIS conform: eigenfactor.org; Web of Science)

Nr crt	Articol	AIS
1	Microbial signatures of obesity-aggravated psoriasis: insights from an imiquimod-based mouse model, Carolina Constantin , Elena-Georgiana Dobre*, Paula Istvan*, Adriana Munteanu, Mihaela Surcel, Gheorghita Isvoranu, Monica Neagu, Int. J. Mol. Sci. 2025 , 26(16), 7697; https://doi.org/10.3390/ijms26167697 Prim autor	1.22
2	Diabetic neuropathy: A NRF2 disease? Neagu M, Constantin C* , Surcel M, Munteanu A, Scheau C, Savulescu-Fiedler I, Caruntu C. J Diabetes. 2024 ;16(9):e13524. https://doi.org/10.1111/1753-0407.13524 ; Autor de corespondență	0.994
3	Immune Portrayal of New Therapy Targeting Microbiota in an Animal Model of Psoriasis, Mihaela Surcel, Carolina Constantin* , Adriana Narcisa Munteanu, [...] Cristiana Tănase, Alef Ibram, Monica Neagu, Journal of Personalized Medicine, 13(11), 1556; 2023 https://doi.org/10.3390/jpm13111556 ; Autor de corespondență	0.682
4	Insights into Nutritional Strategies in Psoriasis, Constantin C , Surcel M, Munteanu A, Neagu M. Nutrients 2023 , 15, 3528. https://doi.org/10.3390/nu15163528 ; Prim autor	1.1
5	Testing Antigens, Antibodies, and Immune Cells in COVID-19 as a Public Health Topic-Experience and Outlines. Neagu M, Constantin C* , Surcel M. Int J Environ Res Public Health. 2021 Dec 14;18(24):13173. https://doi.org/10.3390/ijerph182413173 ; Autor de corespondență	0.7
6	Signal Transduction in Immune Cells and Protein Kinases. Neagu M, Constantin C . Adv Exp Med Biol. 2021;1275:133-149. doi: 10.1007/978-3-030-49844-3_5. Erratum in: Adv Exp Med Biol. 2021 ;1275:C1. doi: 10.1007/978-3-030-49844-3_17. Ultim autor	0.714
7	Nano-carriers of COVID-19 vaccines: the main pillars of efficacy. Constantin C , Pisani A, Bardi G, Neagu M. Nanomedicine (Lond). 2021 Nov;16(26):2377-2387. Epub 2021 Oct 11. https://doi.org/10.2217/nnm-2021-0250 ; Prim autor	0.886
	Total AIS articole Autor Principal (AIS cumulat ≥ 4.0)	6.296

2b. 2 articole cu AIS de cel puțin 0.3 în ultimii 5 ani

Nr crt	Articol	AIS ≥ 0.3
1	Microbial signatures of obesity-aggravated psoriasis: insights from an imiquimod-based mouse model, Carolina Constantin , Elena-Georgiana Dobre*, Paula Istvan*, Adriana Munteanu, Mihaela Surcel, Gheorghita Isvoranu, Monica Neagu, Int. J. Mol. Sci. 2025 , 26(16), 7697; https://doi.org/10.3390/ijms26167697 Prim autor	1.22
2	Immune Portrayal of New Therapy Targeting Microbiota in an Animal Model of Psoriasis, Mihaela Surcel, Carolina Constantin* , Adriana Narcisa Munteanu, [...] Cristiana Tănase, Alef Ibram, Monica Neagu, Journal of Personalized Medicine, 13(11), 1556; 2023 https://doi.org/10.3390/jpm13111556 ; Autor de corespondență	0.682
3	Insights into Nutritional Strategies in Psoriasis, Constantin C , Surcel M, Munteanu A, Neagu M. Nutrients 2023 , 15, 3528. https://doi.org/10.3390/nu15163528 ; Prim autor	1.1

3. Coordonare proiecte de cercetare obținute prin competiție națională sau internațională:

- pentru **Abilitare**: minimum două granturi naționale de cercetare în calitate de director (sau responsabil de proiect în cazul parteneriatelor) **sau** unul național (în calitate de director) **și** unul internațional (în calitate de responsabil național). *Conform link: <https://www.brainmap.ro/carolina-constantin>*

Nr crt	Grant de Cercetare Internațional	Rol
1	Program MNT-ERA NET, Contract 7030-5/2010 " <i>Tetrapyrrole nanostructures towards fluorescent molecular markers for biomedicine</i> "; 2010-2013	Responsabil proiect din partea INCD „Victor Babeș”

Nr crt	Grant de Cercetare Național	Rol
1	Parteneriate PCCA , cod proiect: PN-II-PT-PCCA-2013-4-1386 Titlu proiect: <i>Arhitecturi inovative de eliberare controlata medicamentoasa utilizand hesperidina si flavonoide inrudite pentru tratamentul ulcerului cronic de gamba</i> (2014-2017)	Director de Proiect
2	Program IDEI , cod proiect: PN-II-ID-PCE-2011-3-0918 Titlu proiect: <i>Noi compuși fotosensibilizatori în dermato-oncologie</i> (2011-2016)	Director de Proiect
3	Parteneriate in domeniile prioritare PNII 41-047/2007 Titlu proiect: <i>Evaluarea in vitro la nivel celular a proprietatilor unor sisteme polifunctionale heterociclice cu potentiale aplicatii biomedicale</i> (2007 – 2010)	Responsabil parteneriat
4	Parteneriate in domeniile prioritare PNII 11-035/2007 Titlu proiect: <i>Structuri de tip cavitand si coronand - noua abordare a nanotehnologiei in sfera compusilor cu potential antitumoral</i> (2007 – 2010)	Responsabil parteneriat

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Cf. Ordin 6129/20 dec 2016 in temeiul HG 44/2016, publicat in Monitorul Oficial al Romaniei, partea I, nr 123 din 15 feb 2017

B. Criterii și standarde minimale**- B.1. Evaluarea activității de cercetare****Tabel 1. Parametrii luați în calcul și modul lor de cuantificare**

Nr. Crt	Parametrul (P)	AI	C (nr. citari)	Punctaj
1.	Articole în reviste cotate ISI, ca autor principal* conform formulei (1); Formula (1): $1 \times [4+(7 \times AI1)+c1] + 1 \times [4+(7 \times AI2)+c2] + \dots$; AI1 ... factorul AIS (<i>Article Influence Score</i>), conform http://eigenfactor ; sursa citari: Web of Science – Clarivate Analytics; fără auto-citări			
1	Microbial signatures of obesity-aggravated psoriasis: insights from an imiquimod-based mouse model, Carolina Constantin , Elena-Georgiana Dobre*, Paula Istvan*, Adriana Munteanu, Mihaela Surcel, Gheorghita Isvoranu, Monica Neagu, Int. J. Mol. Sci. 2025 , 26(16), 7697; https://doi.org/10.3390/ijms26167697 Prim autor	1.22	1	13.54
2	Diabetic neuropathy: A NRF2 disease? Neagu M, Constantin C* , Surcel M, Munteanu A, Scheau C, Savulescu-Fiedler I, Caruntu C. J Diabetes. 2024 ;16(9):e13524. https://doi.org/10.1111/1753-0407.13524 ; Autor de corespondență	0.994	18	28.95
3	Immune Portrayal of New Therapy Targeting Microbiota in an Animal Model of Psoriasis, Mihaela Surcel, Carolina Constantin* , Adriana Narcisa Munteanu, [...] Cristiana Tănase, Alef Ibram, Monica Neagu, Journal of Personalized Medicine, 13(11), 1556; 2023 https://doi.org/10.3390/jpm13111556 Autor de corespondență	0.682	5	13.77
4	Insights into Nutritional Strategies in Psoriasis, Constantin C , Surcel M, Munteanu A, Neagu M. Nutrients 2023 , 15, 3528. https://doi.org/10.3390/nu15163528 Prim autor	1.1	12	23.7
5	Signal Transduction in Immune Cells and Protein Kinases. Neagu M, Constantin C . Adv Exp Med Biol. 2021 ;1275:133-149. doi: 10.1007/978-3-030-49844-3_5. Ultim autor	0.714	12	20.99
6	Testing Antigens, Antibodies, and Immune Cells in COVID-19 as a Public Health Topic-Experience and Outlines. Neagu M, Constantin C* , Surcel M. Int J Environ Res Public Health. 2021 Dec 14;18(24):13173. https://doi.org/10.3390/ijerph182413173 Autor de corespondență	0.7	8	16.9
7	Nano-carriers of COVID-19 vaccines: the main pillars of efficacy. Constantin C , Pisani A, Bardi G, Neagu M. Nanomedicine (Lond). 2021 Nov;16(26):2377-2387. Epub 2021 Oct 11. https://doi.org/10.2217/nnm-2021-0250 Prim autor	0.886	14	24.20
8	IgY - turning the page toward passive immunization in COVID-19 infection (Review). Constantin C , Neagu M,	0.414	38	44.89

	Diana Supeanu T, Chiurciu V, A Spandidos D. Exp Ther Med. 2020 ;20(1):151-158. https://doi.org/10.3892/etm.2020.8704 Prim autor			
9	miRNAs in the Diagnosis and Prognosis of Skin Cancer. Neagu M, Constantin C* , Cretoiu SM and Zurac S (2020) Front. Cell Dev. Biol. 8:71. https://doi.org/10.3389/fcell.2020.00071 Autor de corespondență	1.778	78	94.44
10	Proteomic Technology “Lens” for Epithelial-Mesenchymal Transition Process Identification in Oncology, M Neagu, Carolina Constantin , M Bostan, C Caruntu, SR Ignat, S Dinescu, M Costache. Analytical Cellular Pathology (Amsterdam) 2019 :1-17, 2019;2019:3565970. eCollection 2019 Autor de corespondență	0,345	12	18.41
11	Unveiling Ga (III) phthalocyanine – a different photosensitizer in neuroblastoma cellular model, Carolina Constantin , Andreea -Roxana Lupu, Tudor E. Fertig, Mihaela Gherghiceanu, Sevinci Pop, Rodica-Mariana Ion, and Monica Neagu, Journal of Cellular and Molecular Medicine, https://doi.org/10.1111/jcmm.14009 . 2019 ;23:1086–1094; Prim autor	1.1	8	19.7
12	Surface-Enhanced Laser Desorption/Ionization Mass Spectrometry for Biomarker Discovery in Cutaneous Melanoma, <u>Carolina Constantin</u> , Amanda Bulman, Diane McCarthy, Monica Neagu, <i>Current Proteomics</i> , 2017 ;14 (2):100-111; Prim autor	0.1	2	6.7
13	Toxicological and efficacy assessment of post-transition metal (Indium) phthalocyanine for photodynamic therapy in neuroblastoma. Monica Neagu, Carolina Constantin* , Mircea Tampa, Clara Matei, Andreea Lupu, Emilia Manole, Rodica-Mariana Ion, Concettina Fenga, Aristidis Tsatsakis. <i>Oncotarget</i> , 2016 , Oct 25;7(43):69718-69732; Autor de corespondență	1.2	44	56.4
14	Fluorescent Porphyrin with an Increased Uptake in Peripheral Blood Cell Subpopulations from Colon Cancer Patients. Constantin C , Neagu M. <i>Med Chem</i> . 2015 ;11(4):354-63; Prim autor	0.3	3	9.1
15	AFM imaging, fractal analysis and in vitro cytotoxicity evaluation of Zn(II) vs. Cu(II) porphyrins. Socoteanu, R; Anastasescu, M; Dobrescu, G; Boscencu, R; Vasiliu, G; Constantin, Carolina . CHAOS SOLITONS & FRACTALS, Vol. 77, 304-309 Published: AUG 2015 ; Ultim autor	0.5	5	12.5
16	Aggregation behavior of some asymmetric porphyrins vs. basic biological tests response. R Socoteanu, M Anastasescu, A Sousa Oliveira, G Dobrescu, R Boscencu and Carolina Constantin . <i>International Journal of Photoenergy</i> , Vol. 2015 (2015), Article ID 302587; Ultim autor	0.3	3	9.1
17	Highlights in Melanoma Biomarkers, Neagu M, Constantin C , <i>Biomark Med</i> . 2014 8(3), 385; Ultim autor	0.8	0	9.6
18	Immunomics in skin cancer - improvement in diagnosis, prognosis and therapy monitoring, Amanda Bulman, Monica Neagu, <u>Carolina Constantin</u> , <i>Current Proteomics</i> , Vol 10 (3), 202- 217, 2013. Ultim autor	0.1	35	39.7
19	Photodynamic Properties of Aluminium Sulphonated Phthalocyanines in Human Displazic Oral Keratinocytes Experimental Model. C. Matei, M. Tampa, R.M. Ion, M. Neagu, C. Constantin , <i>Digest Journal of Nanomaterials and Biostructures</i> , 7 (4):1535-1547, 2012 Ultim autor	0.1	22	26.7
20	Sensitizer localization and immune response in photodynamic therapy of B16 cells, Pop SF , Ion RM , Neagu M, Constantin, C <i>LASER PHYSICS</i> , 21 (3): 576-581, 2011 Ultim autor	0.2	4	9.4
21	Fullerene-porphyrin nanostructures in photodynamic therapy, <u>Carolina Constantin</u> , Monica Neagu, Rodica-M. Ion, Mihaela Gherghiceanu, Crina Stavaru, <i>Nanomedicine</i> , 5(2), 2010, 307-317 Prim autor	1.4	65	78.8
			Σ1	577.53

2.	Articole în reviste cotate ISI, ca și contributor ** conform formulei (2) Formula (2): $0,7 \times [4+(7 \times AI1)+c1] + 0,7 \times [4+(7 \times AI2)+c2] + \dots$ AI1 ... factorul AIS (<i>Article Influence Score</i>), conform http://eigenfactor ; sursa citari: Web of Science – Clarivate Analytics; fără auto-citări	AI	c (nr. citari)	Punctaj
1	Cutaneous Melanoma in the Context of Aging. Neagu M, <u>Constantin C</u> , Zurac S. <i>Medicina (Kaunas)</i> . 2025 Nov 27;61(12):2115. doi: 10.3390/medicina61122115.	0.6	0	5.74
2	Methylarginine Levels in Chronic Inflammatory Skin Diseases-The Role of L-Arginine/Nitric Oxide Pathway. Matei C, Tampa M, Mitran MI, Mitran CI, Nicolae I, Ene CD, Marin A, Rinja E, Dumitru A, Caruntu C, <u>Constantin C</u> , Neagu M, Georgescu SR. <i>J Clin Med</i> . 2025 Nov 8;14(22):7934. doi: 10.3390/jcm14227934.	0.869	0	7.06
3	Radionuclides Landscape in Prostate Cancer Theranostics, Monica Neagu, <u>Carolina Constantin</u> , Mihail Eugen Hinescu, Petrisor Gabriel Bleotu, Mara-Georgiana Popovici, Maria-Iulia Zai, Klaus Michael Spohr, <i>Int. J. Mol. Sci.</i> 2025, 26(14), 6751; https://doi.org/10.3390/ijms26146751 .	1.1	2	9.59
4	Antibodies Against Melanoma Antigens - Clinical and Therapeutical Markers. Neagu M, <u>Constantin C</u> , Dobre G-E, Zurac S, <i>J Dermatol Res</i> . 2025;6(1):1-22. https://doi.org/10.46889/JDR.2025.6105	0.1	0	3.29
5	Single-Component Starch-Based Hydrogels for Therapeutic Delivery. Molecules. Pulvirenti A, Boccia AC, <u>Constantin C</u> , Surcel M, Munteanu A, Peteu VE, Neagu M. 2024 Nov 20;29(22):5463.	0.74	3	8.53
6	Capsaicin: Emerging Pharmacological and Therapeutic Insights. Petran EM, Periferakis A, Troumpata L, Periferakis AT, Scheau AE, Badarau IA, Periferakis K, Caruntu A, Savulescu-Fiedler I, Sima RM, Calina D, <u>Constantin C</u> , Neagu M, Caruntu C, Scheau C. <i>Curr Issues Mol Biol</i> . 2024;46(8):7895-7943.	0.616	37	31.72
7	Skin Cancer Pathobiology at a Glance: A Focus on Imaging Techniques and Their Potential for Improved Diagnosis and Surveillance in Clinical Cohorts. Dobre EG, Surcel M, <u>Constantin C</u> , Ilie MA, Caruntu A, Caruntu C, Neagu M. <i>Int J Mol Sci</i> . 2023 Jan 5;24(2):1079. doi: 10.3390/ijms24021079.	1.1	36	33.39
8	Skin Inflammation—A Cornerstone in Dermatological Conditions. Tampa M, Neagu M, Caruntu C, <u>Constantin C</u> , Georgescu SR. <i>J Pers Med</i> . 2022; 12(9):1370. https://doi.org/10.3390/jpm12091370	0.6	15	16.24
9	Skin Cancer Research Goes Digital: Looking for Biomarkers within the Droplets. Dobre EG, <u>Constantin C</u> , Neagu M. <i>J Pers Med</i> . 2022 Jul 13;12(7):1136. doi: 10.3390/jpm12071136	0.6	10	12.74
10	Langerhans Cells-Revising Their Role in Skin Pathologies, Neagu, M; <u>Constantin, C</u> ; Jugulete, G; Cauni, V; Dubrac, S; Szollosi, AG; Zurac, S, <i>J Pers Med</i> , 12(12), 2072, 2022, doi:10.3390/jpm12122072	0.6	25	23.24
11	Immunogenicity evaluation after BNT162b2 booster vaccination in healthcare workers. Zurac S, Vladan C, Dinca O, <u>Constantin C</u> , Neagu M. <i>Sci Rep</i> . 2022;12(1):12716. doi: 10.1038/s41598-022-16759-2.	1.1	9	14.49
12	Apprising Diagnostic and Prognostic Biomarkers in Cutaneous Melanoma-Persistent Updating. Georgescu SR, Mitran CI, Mitran MI, Matei C, <u>Constantin C</u> , Neagu M, Tampa M. <i>J Pers Med</i> . 2022 Sep 14;12(9):1506. doi: 10.3390/jpm12091506	0.6	6	9.94
13	Matrix Effectors in the Pathogenesis of Keratinocyte-Derived Carcinomas. Kavasi RM, Neagu M, <u>Constantin C</u> , Munteanu A, Surcel M, Tsatsakis A, Tzanakakis GN, Nikitovic D. <i>Front Med (Lausanne)</i> . 2022 Apr 29;9:879500. doi: 10.3389/fmed.2022.879500.	0.9	15	17.71
14	Healthy Ageing Reflected in Innate and Adaptive Immune Parameters. Munteanu AN, Surcel M, Isvoranu G,	0.7	5	9.73

	Constantin C, Neagu M. Clin Interv Aging. 2022 Oct 13;17:1513-1526. doi: 10.2147/CIA.S375926.			
15	Protective and therapeutic potential of spices and herbs in Cancer Tan, BL; Babiker, R ; Neagu, M ; Constantin, C ; El-Kenawy, AE BIOSCIENCE RESEARCH, 2022, Volume 19 Issue 3 Page 1441-1458	0.3	0	4.27
16	Persistent Changes of Peripheral Blood Lymphocyte Subsets in Patients with Oral Squamous Cell Carcinoma. Caruntu A, [...], Constantin C, Scheau C, Neagu M, Caruntu C. Healthcare (Basel). 2022 Feb 10;10(2):342. doi: 10.3390/healthcare10020342.	0.1	27	22.19
17	Effectiveness of Platelet-Rich Plasma Therapy in Androgenic Alopecia-A Meta-Analysis. Georgescu SR, Amuzescu A, Mitran CI, Mitran MI, Matei C, Constantin C, Tampa M, Neagu M.. J Pers Med. 2022 Feb 24;12(3):342. doi: 10.3390/jpm12030342.	0.6	24	22.54
18	Unconventional Therapy with IgY in a Psoriatic Mouse Model Targeting Gut Microbiome. Surcel M, Munteanu A, Isvoranu G, Ibram A, Caruntu C, Constantin C, Neagu M. J Pers Med. 2021;11(9):841. doi: 10.3390/jpm11090841	0.8	10	13.72
19	Safety and efficacy assessment of aerogels for biomedical applications. Ferreira-Gonçalves T, Constantin C, Neagu M, Reis CP, Sabri F, Simón-Vázquez R. Biomed Pharmacother. 2021 Dec;144:112356. doi: 10.1016/j.biopha.2021.112356. Epub 2021 Oct 26	0.9	67	54.11
20	Assessment of Immune Cell Populations in Tumor Tissue and Peripheral Blood Samples from Head and Neck Squamous Cell Carcinoma Patients. Caruntu A, Moraru L, Surcel M, Munteanu A, Tanase C, Constantin C, Zurac S, Caruntu C, Neagu M. Anal Cell Pathol (Amst). 2021 Oct 15;2021:2328218. doi: 10.1155/2021/2328218.	0.3	17	16.17
21	Comparative effects of capsaicin in chronic obstructive pulmonary disease and asthma (Review). Dumitrache MD, [...], Caruntu A, Costache DO, Costache RS, Constantin C, Neagu M, Caruntu C. Exp Ther Med. 2021 Sep;22(3):917. doi: 10.3892/etm.2021.10349. Epub 2021 Jun 29.	0.1	30	24.29
22	Interrogating Epigenome toward Personalized Approach in Cutaneous Melanoma.Dobre EG, Constantin C, Costache M, Neagu M. J Pers Med. 2021 Sep 9;11(9):901. doi: 10.3390/jpm11090901.	0.8	11	14.42
23	COVID-19 vaccination and IgG and IgA antibody dynamics in healthcare workers. Zurac S, Nichita L, Mateescu B, Mogodici C, Bastian A, Popp C, Cioplea M, Socoliu C, Constantin C, Neagu M. Mol Med Rep. 2021 Aug;24(2):578. doi: 10.3892/mmr.2021.12217. Epub 2021 Jun 16.	0.5	42	34.65
24	Current Perspectives on the Role of Matrix Metalloproteinases in the Pathogenesis of Basal Cell Carcinoma. Tampa M, Georgescu SR, Mitran MI, Mitran CI, Matei C, Caruntu A, Scheau C, Nicolae I, Matei A, Caruntu C, Constantin C, Neagu M. Biomolecules. 2021 Jun 17;11(6):903. doi: 10.3390/biom11060903.	1.15	40	36.44
25	Back to basics in COVID-19: Antigens and antibodies-Completing the puzzle.Neagu M, Calina D, Docea AO, Constantin C, Filippini T, Vinceti M, Drakoulis N, Poulas K, Nikolouzakis TK, Spandidos DA, Tsatsakis A. J Cell Mol Med. 2021 May;25(10):4523-4533. doi: 10.1111/jcmm.16462.	1.1	38	34.79
26	Neuroendocrine Factors in Melanoma Pathogenesis. Scheau C, Draghici C, Ilie MA, Lupu M, Solomon I, Tampa M, Georgescu SR, Caruntu A, Constantin C, Neagu M, Caruntu C. Cancers (Basel). 2021 May 10;13(9):2277. doi: 10.3390/cancers13092277.	1.2	28	28.28
27	The Effects of Capsaicin on Gastrointestinal Cancers. Popescu GDA, Scheau C, Badarau IA, Dumitrache MD, Caruntu A, Scheau AE, Costache DO, Costache RS, Constantin C, Neagu M, Caruntu C. Molecules. 2021 Jan	0.74	46	38.63

	26;26(1):94. doi: 10.3390/molecules26010094.			
28	Oxidative Stress: A Possible Trigger for Pelvic Organ Prolapse. Marcu RD, Mischianu DLD, Iorga L, Diaconu CC, Surcel M, Munteanu AN, Constantin C, Isvoranu G, Bratu OG. J Immunol Res. 2020 Sep 1;2020:3791934. doi: 10.1155/2020/3791934.	0.3	3	6.37
29	Recent Advances in Signaling Pathways Comprehension as Carcinogenesis Triggers in Basal Cell Carcinoma. Tampa M, Georgescu SR, Mitran CI, Mitran MI, Matei C, Scheau C, Constantin C, Neagu M. J Clin Med. 2020 Sep 18;9(9):3010. doi: 10.3390/jcm9093010.	0.98	25	25.10
30	Rosmarinus plants: Key farm concepts towards food applications. Sharifi-Rad J, Ezzat SM, El Bishbishy MH, Mnayer D, Sharopov F, Kılıç CS, Neagu M, <u>Constantin C</u> , Sharifi-Rad M, Atanassova M, Nicola S, Pignata G, Salehi B, Fokou PVT, Martins N. Phytother Res. 2020 Jul;34(7):1474-1518. doi: 10.1002/ptr.6622.	0.74	30	27.43
31	Tumour Microenvironment in Skin Carcinogenesis. Georgescu SR, Tampa M, Mitran CI, Mitran MI, Caruntu C, Caruntu A, Lupu M, Matei C, <u>Constantin C</u> , Neagu M. Adv Exp Med Biol. 2020 ;1226:123-142. doi: 10.1007/978-3-030-36214-0_10.	0.7	53	43.33
32	Computational Models Using Multiple Machine Learning Algorithms for Predicting Drug Hepatotoxicity with the DILIrank Dataset. Ancuceanu R, Hovanet MV, Anghel AI, Furtunescu F, Neagu M, <u>Constantin C</u> , Dinu M. Int J Mol Sci. 2020 Mar 19;21(6):2114. doi: 10.3390/ijms21062114.	1.1	33	31.29
33	Cannabinoids in the Pathophysiology of Skin Inflammation. Scheau C, Badarau IA, Mihai LG, Scheau AE, Costache DO, <u>Constantin C</u> , Calina D, Caruntu C, Costache RS, Caruntu A. Molecules. 2020 Feb 4;25(3):652. doi: 10.3390/molecules25030652.	0,694	84	65
34	Cisplatin effect on head and neck squamous cell carcinoma cells is modulated by ERK1/2 protein kinases. Bostan M, Petrică-Matei GG, Ion G, Radu N, Mihăilă M, Hainăroșie R, Brașoveanu LI, Roman V, <u>Constantin C</u> , Neagu MT. Exp Ther Med. 2019 Dec;18(6):5041-5051. doi: 10.3892/etm.2019.8139.	0.1	23	19.39
35	Reinforcing involvement of NK cells in psoriasiform dermatitis animal model. Surcel M, Munteanu AN, Huică RI, Isvoranu G, Pîrvu IR, Constantin C, Bratu O, Căruntu C, Zaharescu I, Sima L, Costache M, Neagu M. Exp Ther Med. 2019 Dec;18(6):4956-4966. doi: 10.3892/etm.2019.7967. Epub 2019 Aug 30.	0.1	17	15.19
36	Critical assessment and integration of separate lines of evidence for risk assessment of chemical mixtures. Hernandez AF, Buha A, <u>Constantin C</u> , Wallace DR, Sarigiannis D, Neagu M, Antonijevic B, Hayes AW, Wilks MF, Tsatsakis A. Arch Toxicol. 2019 Sep 13. doi: 10.1007/s00204-019-02547-x.	0.5	86	65.45
37	Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels. Tsatsakis A, Docea AO, <u>Constantin C</u> , Calina D, Zlatian O, Nikolouzakis TK, Stivaktakis PD, Kalogeraki A, Liesivuori J, Tzanakakis G, Neagu M. Toxicol Lett. 2019 Sep 12. pii: S0378-4274(19)30269-3. doi: 10.1016/j.toxlet.2019.09.004.	0.65	71	55.69
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39	Capsaicin: Physicochemical properties, cutaneous reactions and potential applications in painful and inflammatory conditions. Ilie MA, Caruntu C, Tampa M, Georgescu SR, Matei C, Negrei C, Ion RM, <u>Constantin C</u> , Neagu M,	0.1	105	76.79

	Boda D. <i>Exp Ther Med.</i> 2019 Aug;18(2):916-925. doi: 10.3892/etm.2019.7513.			
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43	Inflammation and Metabolism in Cancer Cell-Mitochondria Key Player, Neagu, Monica; <u>Constantin, Carolina</u> ; Popescu, Iulia Dana; Zipeto, Donato; Tzanakakis, George; Nikitovic, Dragana; Fenga, Concettina; Stratakis, Constantine A.; Spandidos, Demetrios A.; Tsatsakis, Aristidis M. <i>FRONTIERS IN ONCOLOGY</i> Volume: 9, Article Number: 348, Published: MAY 14 2019 . WOS:000467874500001	0.91	126	95.46
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47	Epitranscriptomic Signatures in lncRNAs and Their Possible Roles in Cancer. Dinescu S, Ignat S, Lazar AD, <u>Constantin C</u> , Neagu M, Costache M. <i>Genes (Basel).</i> 2019 Jan 16;10(1). pii: E52. doi: 10.3390/genes10010052.	0.74	95	72.93
48	In vivo Confocal Laser Scanning Microscopy Imaging of Skin Inflammation: Clinical Applications and Research Directions, Ilie Mihaela Adriana, Caruntu Constantin, Tampa Mircea, Georgescu Simona-Roxana, Lixandru Daniela, <u>Constantin Carolina</u> , Neagu Monica, Zurac Sabina Andrada, Boda Daniel, <i>Exp Ther Med.</i> 2019 Feb;17(2):1004-1011.	0.1	56	42.49
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54	Neuroendocrine Factors and Head and Neck Squamous Cell Carcinoma: An Affair to Remember. Solomon I, Voiculescu VM, Caruntu C, Lupu M, Popa A, Ilie MA, Albulescu R, Caruntu A, Tanase C, <u>Constantin C</u> , Neagu M, Boda D. <i>Dis Markers</i> . 2018;2018:9787831. doi: 10.1155/2018/9787831. eCollection 2018 . Review.	0.6	46	37.94
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	possible function as prognostic predictors, Sabina Zurac, Monica Meagu, <u>Carolina Constantin</u> , et al., <i>Oncology Lett</i> , 11: 3354-3360, 2016 .			
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69	Biomarkers of metastatic melanoma, Neagu Monica, <u>Constantin Carolina</u> , Manda Gina, Margaritescu Irina, <i>Biomarkers In Medicine</i> , Volume 3, Number 1, February 2009 , PP. 71-89(19) 2.179	0.8	30	27,72
70	Synthetic porphyrins in experimental photodynamic therapy induce different antitumoral effect, Monica Neagu, Gina Manda, <u>Carolina Constantin</u> , Eugen Radu and Rodica-Mariana Ion, <i>Journal of Porphyrins and Phtalocyanins</i> , 2007 Jan;11 (1): 58-65 ISSN: 1088-4246	0.3	24	21,07
			Σ 2	2766,25
	Σ 1-2 (recunoaștere internațională)			3343,78

3.	Articole în reviste indexate BDI***, ca autor principal (1+c ₁)+(1+c ₂)+...+(1+c _n) Sursa citări: Google Academic	c _n	1+ c _n	Punctaj
1	Psoriasis, stem cells, and obesity: metabolic exploration for therapeutics. <u>Constantin C</u> , Dobre EG, Munteanu AN, Surcel M, Căruntu C, Zurac SA, Neagu M. <i>J Med Life</i> . 2025 Jul;18(7):608-620. doi: 10.25122/jml-2025-0033.	0	1	1
2	Protein microarray technology: Assisting personalized medicine in oncology (Review). MONICA NEAGU, MARINELA BOSTAN and <u>CAROLINA CONSTANTIN</u> . <i>WORLD ACADEMY OF SCIENCES JOURNAL</i> 1: 113-124, 2019 DOI: 10.3892/wasj.2019.15. Published online on: 12 June 2019	28	29	29
3	Protein Microarray Technology for Antibody Detection Associated to Human Pathology, <u>Carolina Constantin</u> , Mihaela Surcel, Adriana Munteanu, Monica Neagu, <i>Romanian Archives of Microbiology and Immunology</i> , Vol. 77, Issue 3, pp. 236-244, July-September, 2018	2	3	3
4	Wound Repair - Up-Dates in Dressing Patents and Regeneration Biomarkers. <u>Carolina Constantin</u> , Georgeta Paunica-Panea, Vlad Denis Constantin, Monica Neagu. <i>Recent Patents on Biomarkers</i> . 2014, 4(3): 133-149.	3	4	4
5	Revising skin cancers by means of epigenetic markers, <u>Constantin C</u> , Zurac S. A, <i>Recent Patents on Biomarkers</i> , 2, 93-98, 2012	0	1	1
6	Photodynamic Therapy on B16 Cells with Tetrasulphonated Porphyrin and Different Light Sources, Simona-Florentina Pop, Rodica-Mariana Ion, Monica Neagu and <u>Carolina Constantin</u> <i>Journal of Materials, Science and Engineering</i> , Volume 4, Number 3, March 2010 (Serial Number 28), 10-16	3	4	4

7	The effect of laser activation of 5,10,15,20-tetra-sulphophenyl-porphyrin loaded in K562 cells and human normal mononuclear cells, <u>Carolina Constantin</u> , Monica Neagu, Gina Manda, Rodica-M.Ion and Dana Iordachescu. <i>Romanian Archives of Microbiology and Immunology</i> 63 (3-4), 159-168, 2004	6	7	7
8	BREVET OSIM Clona de celule tumorale obtinuta din model murin de carcinogeneza indusa chimic / Tumour cell clone obtained from a chemically induced skin carcinogenesis mouse model, OSIM No. RO131985/30.06.2017. <u>Carolina Constantin</u> , Monica Neagu, Bogdan Marinescu, Sabina Zurac	0	1	1
		Σ3		50

4.	Articole în reviste indexate BDI***, contributor 0,7 x [(1+c ₁)+(1+c ₂)+...+(1+c _n)] Sursa citări: Google Academic	c _n	0.7x[1+ c _n]	Punctaj
1	Investigating EGFR, BRAF, and RAS Mutations in Oral and Cutaneous Squamous Cell Neoplasms: A Preliminary Report on Romanian Patients. Dobre E.G., Caruntu A., Munteanu A.N., Surcel M., Constantin C., Caruntu C., Scheau C., Neagu M. <i>Romanian Journal of Military Medicine</i> . DOI: 10.55453/rjmm.2024.127.5.2.	1	0.7	1.4
2	Immunohistochemical features of partial regression in cutaneous melanoma – E-cadherin key molecule, Carmen Dumitru, Alexandra Bastian, Cristiana Popp, Monica Neagu, <u>Carolina Constantin</u> , Mirela Cioplea, Luciana Nichita, R. Andrei, Tatiana Vassu, Sabina Zurac, <i>HVM</i> , Vol 9 (4), 166-177, 2017	2	2.1	2.1
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5	The role of confocal microscopy in the dermato-oncology practice. Diaconeasa A, Boda D, Neagu M, <u>Constantin C</u> , Căruntu C, Vlădău L, Guțu D <i>J Med Life</i> . 2011 Jan-Mar;4(1):63-74. Epub 2011 Feb 25.	43	30.8	30.8
6	Patented Biomarker Panels in Early Detection of Cancer, Monica Neagu, <u>Carolina Constantin</u> , Cristiana Tanase and Daniel Boda, <i>Recent Patents on Biomarkers</i> , 1(1), 2011, 10-24.	43	30.8	30.8
7	New Photosensitizers Versus Aminolevulinic Acid (ALA) in Experimental Photodynamic Therapy of Actinic Keratosis – A Case Report, Daniel Boda, Monica Neagu, <u>Carolina Constantin</u> , Adriana Diaconeasa, Simona Ianos, Rodica-Mariana Ion, <i>Analele Stiintifice ale Universitatii Alexandru Ioan Cuza Din Iasi (Serie Noua)-Genetica si Biologie Moleculara</i> , Tom X, Fascicola 3, pagina 61-69, 2009.	2	2.1	2.1
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10	Biochemical changes in rat testis induced in vitro by reactive oxygen species.Nechifor MT, <u>Constantin C</u> , Manda G,	1	1.4	1.4

	Neagu M, Dinu D. <i>Roum Arch Microbiol Immunol.</i> 2006 Jul-Dec;65(3-4):135-40.			
			Σ4	83.3

4a	BREVETE (co-inventator); Calcul $0,7 \times [(1+c_1)+(1+c_2)+...+(1+c_n)]$;	c_n	0.7x[1+ c_n]	Punctaj
1	RO: Utilizarea porfirinei tetrasulfonate in fabricarea unui agent fotosensibilizator, pentru terapia fotodinamica; Inventatori – Ion Rodica, Neagu Monica, <u>Carolina Constantin</u> , Boda Daniel; Brevet de inventie, OSIM Nr. 12582/30.12.2010	0	0.7	0.7
2	RO: Compus tetrapirolic nesimetric substituit, procedeu de obtinere si evaluare biologica la nivel celular; Inventatori – Romania Boscencu Rica, Socoteanu Petre, Nacea Veronica, <u>Carolina Constantin</u> , Manda Gina, Neagu Monica, Ilie Mihaela, Baconi Daniela; Portugalia Anabela Sousa Oliveira, Luis Felipe Vieira Ferreira; Brevet de inventie OSIM Nr. 123419/30.03.2012	0	0.7	0.7
3	RO: Compus porfirinic nesimetric substituit, ca agent de fotosensibilizare, utilizat in diagnosticul cancerului, si procedeu de preparare a acestuia; Inventatori – <i>Romania</i> Boscencu Rica, Socoteanu Petre, <u>Carolina Constantin</u> , Neagu Monica, Manda Gina, Ilie Mihaela, Nacea Veronica, Gird Elena; <i>Portugalia</i> Anabela Sousa Oliveira, Luis Felipe Vieira Ferreira; Brevet de inventie, OSIM Nr. 126761/30.12.2014	0	0.7	0.7
4	RO: Compus porfirinic destinat terapiei fotodinamice a cancerului; Inventatori – <i>Romania</i> Socoteanu Petre, Boscencu Rica, Nacea Veronica, <u>Carolina Constantin</u> , Manda Gina, Neagu Monica, Ilie Mihaela, <i>Portugalia</i> Anabela Sousa Oliveira, Luis Felipe Vieira Ferreira; Brevet de inventie, OSIM Nr. 125018/30.04.2015	0	0.7	0.7
5	RO: Instalatie si procedeu de iradiere cu microunde a unui material biologic simultan cu investigarea acestuia sub microscop inversat cu modul de fluorescent; Inventatori – Martin Diana, Neagu Monica, Matei Constantin, <u>Carolina Constantin</u> , Iacob Nicusor, Ighigeanu Daniel, Manaila Elena, Craciun Gabriela; Brevet de inventie, OSIM 126764 /30.07.2015	0	0.7	0.7
			Σ4a	3.5

5.	Carti la edituri internationale de prestigiu****	-	-	-
6.	Carti la alte edituri internationale	-	-	-
7.	Carti la Editura Academiei Romane	-	-	-
8.	Cărți în Edituri Universitare (20+c): n	(20+c)	n=Nr. autori	Punctaj
1	<i>Dermato-oncology</i> , Vol. 1, Authors (in alphabetical order): Robert Ancuceanu, Corina Baican, Daniel Boda, Daciana Brănișteanu, Daniel Brănișteanu, Constantin Căruntu, Constantin Ciuce, <u>Carolina Constantin</u> , [...], Sabina Zurac, Editura Universitară „Carol Davila” București 2011, ISBN: 978-973-708-542-9	20	37	0.54
2	<i>Dermato-oncology</i> , Vol. 2, Authors (in alphabetical order): Robert Ancuceanu, Corina Baican, Daniel Boda, Daciana Brănișteanu, Daniel Brănișteanu, Constantin Căruntu, Constantin Ciuce, <u>Carolina Constantin</u> , [...], Sabina Zurac, Editura Universitară „Carol Davila” București 2013, ISBN: 978-973-708-542-9	20	37	0.54

3	Immunogenomics, Immunotranscriptomics compendium, Ursaciuc C, Neagu M, <u>Constantin C</u> , Dobre M, Huica R, Romanian Medical Life Ed, 2013, ISBN 978-973-160-080-2	20	5	4
4	Proteomics from research to clinic, Tanase C, Neagu M, Albuлесcu R, Constantinescu S.N, <u>Constantin C</u> , Manole E, Popescu ID, Codrici E, Mihai S, Albuлесcu L, Romanian Medical Life Ed, 2013, ISBN 978-973-160-075-8	20	10	2
		Σ 8		7.08
9.	Carti la alte edituri din tara	-	-	-
10.	Capitole in volume, la edituri internaționale de prestigiu****	-	-	-
11.	Capitole in volume, la alte edituri internaționale (20+c): n	(20+c):n	n=Nr. autori	Punctaj
	<u>Constantin, C.</u> , Neagu, M. (2023). Epigenomic Markers in Dermato-oncology Immune Landscape. In: Interdisciplinary Cancer Research. Springer, Cham. https://doi.org/10.1007/16833_2023_165	20	2	10
	Bostan, M., Petrica-Matei , G. G., Ion , G., Radu, N., Mihaila , M., Hainarosie , R., Brasoveanu , L. I., Roman, V., Constantin, C., & Neagu, M. T. (2022). Determination of Cisplatin Effect on Head and Neck Squamous Cell Carcinoma Modulated by Erk1/2 Protein Kinases. Current Practice in Medical Science Vol. 8, 163–191. https://doi.org/10.9734/bpi/cpms/v8/3149A	21	10	2.1
	Surcel, M., Munteanu, A. N., Constantin, C., Neagu, M. Immune Markers in Psoriasis. In: Aghaei, A. P. S. , editor. Psoriasis - New Research [Working Title] [Internet]. London: IntechOpen; 2022 [cited 2022 Aug 16]. Available from: https://www.intechopen.com/online-first/80408 doi: 10.5772/intechopen.102567	23	4	5.75
	Current Biomarkers Up-dates in toxicology. Neagu M, <u>Constantin C</u> , Garcia C, Del Gaudio P, chapter 17, pages 191-204, In CLINICAL BIOMARKERS UPDATES, Toxicological Risk Assessment and Multi-System Health Impacts from Exposure. 1st Edition. Published Date: 1st August 2021, Editor: Aristidis Tsatsakis; ISBN: 9780323852159, Updates on current biomarkers in toxicology - ScienceDirect	20	4	5
	Schwann Cell Plasticity in Peripheral Nerve Regeneration after Injury, Emilia Manole, Alexandra Eugenia Bastian, Ana Maria Oproiu, Monica Teodora Neagu, <u>Carolina Constantin</u> and Gheorghita Isvoranu, April 2020, DOI: 10.5772/intechopen.91805, In book: Schwann Cells, Publisher: INTECH Open Science, page 1-20, Edited by Emeritus Prof. Stavros J Baloyannis	26	6	4.33
	Chapter 17. <i>Toxicological Testing of Plant Products</i> , Monica Neagu and <u>Carolina Constantin</u> , In book: Phytochemistry: Volume 1: Fundamentals, Modern Techniques, and Applications, PART II: METHODS AND TECHNIQUES. Editors: Chukwuebuka Egbuna, Jonathan Chinenye Ifemeje, Stanley Chidi Udedi, Shashank Kumar. ©2019 by Apple Academic Press Inc. ISBN-13: 978-1-77188-759-5 (Hardcover)/13: 978-0-429-42622-3	20	2	10
	<i>Nanomedicine in Melanoma: Current Trends and Future Perspectives</i> . El-Kenawy AEM, <u>Constantin C</u> , Hassan SMA, Mostafa AM, Neves AF, de Araújo TG, Neagu M. In: Ward WH, Farma JM, editors. Cutaneous Melanoma: Etiology and Therapy [Internet]. Brisbane (AU): Codon Publications; 2017 Dec 21. Chapter 10.	26	7	3.7
	Chapter: <i>Photosensitizers imprinting intracellular signalling pathways in dermato-oncology therapy</i> , <u>C. Constantin</u> and M. Neagu, In: Photomedicine, Ed. Intech, ISBN 978-953-51-4914-9, 2016, Ed. Yohei Tanaka, ISBN 978-953-51-3156-4, Pp 1-27, 2017.	21	2	10.5

Candidat CSI Dr. Carolina CONSTANTIN

	Chapter 5: <i>Stem Cell standing at the Immune Processes Cross Roads - Tumorigenesis versus Regeneration</i> , Monica Neagu and <u>Carolina Constantin</u> in "Stem Cells between Regeneration and Tumorigenesis", Ed. Cristiana Tanase and Monica Neagu, Bentham Pbl. House, 202-234 (33), 2016 .	21	2	10.5
	Chapter 10: <i>New Insights in Cutaneous Melanoma Immune-Therapy — Tackling Immune-Suppression and Specific Anti-Tumoral Response</i> , Monica Neagu and <u>Carolina Constantin</u> in "Melanoma", Book edited by: Prof. Mandi Murph, InTech, published on-line 2015 , p 225-246, ISBN 978-953-51-2036-0.	22	2	11
	Chapter 5: Immune-therapy in cutaneous melanoma – efficacy immune markers Monica Neagu, <u>Carolina Constantin</u> in "Advancements in Tumor Immunotherapy and Cancer Vaccines ", pages 83-106, Ed. Intech, 2012 , ISBN 978-953-307-998-1	22	2	11
		Σ 11		83.88
12.	Capitole in carti / volume, la edituri nationale	-	-	-
13.	Editor / redactor / coordonator carti la edituri internationale de prestigiu****	-	-	-
14.	Editor / redactor / coordonator carti la alte edituri internationale	-	-	-
15.	Editor / redactor / coordonator carti la edituri nationale	-	-	-
	TOTAL Σ 1-15 (performanta totala)			3571.54

- B.2. Evaluarea activității didactice

Pe langa activitatea principala de cercetator dedicat activitatilor stiintifice derulate in cadrul proiectelor de cercetare castigate prin competitie sau proiecte cu finantare de baza, am derulat activitati de formare profesionala, didactice si mentorat, dupa cum urmeaza:

- **Expert pe termen lung** in proiectul POSDRU no. 31081, 1.2 *University for Future “Dermato-oncology development as multidisciplinary domain for medical training and international cooperation”*, 2010-2013; cursuri in dermato-oncologie; grup tinta - studenti si specialisti din domeniul biomedical
- **Expert pe termen lung** in proiectul POSDRU no. 58819. „*Training platform for implementing high technology in the health care system*” Acronym: TDM, 2010-2013; curs teoretic si instruire practica in proteomica si tehnologii omice; grup tinta – specialisti din sistemul de sanatate
- **Expert pe termen scurt:** POSDRU no. 59497 “*Training for implementing in the Immunology Laboratory of high technology*” Acronym: IMUNOLAB, 2010-2013; cursuri teoretice privind fundamente imunologice in dermatologie si dermato-oncologie; grup tinta – specialisti din sistemul de sanatate
- **Mentor:** POSDRU 159/1.5/S/141531 “*Developing human resources – PhD and post-doctoral studies – for excellence in health and biotechnological research*” (acronym DPD), 2014-2015; cursuri teoretice si instruire practica in imunobiologie si imuno-proteomica (grup tinta studenti doctoranzi si postdoctorali, in doemniul biomedical; activitati de mentorat pentru realizare teze de doctorat, pregatirea de manuscrise si publicare articole in cadrul tezei de doctorat; doctorand cu teza sustinuta public in anul 2015 (indicator de proiect)

- **Expert, Responsabil aplicatii:** POC - 52/2016 “Expertise implementation in biomedical research by knowledge transfer to private companies in order to validate products and services in medical biotechnologies and health” acronim INTELBIOMED, 2016-2021; ID: P_40_197, Cod SMIS al proiectului: 105631. A. Stimularea transferului de cunoștințe A.3. Organizarea de întâlniri individuale cu întreprinderile și organizarea de evenimente tematice
- **Expert pe termen lung** in proiectele: *Proiecte de dezvoltare instituțională – Proiecte de finanțare a excelenței în CDI*” (PFE-CDI), gazda Institutul Național „Victor Babeș” (Grant No. 7PFE/16.10.2018; Grant No: 31 PFE/31.12.2021), susținere cursuri teoretice și instruire practică în imunobiologie și tehnologii *imuno-proteomice* studenților la medicină la UMF „Carol Davila”, din diverși ani de studiu.
- **Supervizare doctorand internațional** in cadrul acțiunilor **STMS** (*Short Term Scientific Meeting*) anexate la **acțiunile COST** în vederea îndeplinirii activităților științifice planificate în teza de doctorat (COST 18125 AERoGELS, Titlu STSM: HAWANA - *Hydrogels from Agricultural Wastes as carriers of active molecule for wound healing* - Hidrogeluri din deșeuri agricole ca purtători de molecule active pentru vindecarea rănilor), 2022.
- **Membru** in Comisie îndrumare doctorand: Bioch. Dr. Elena-Georgiana Dobre, doctorat susținut in anul 2024, Scoala Doctorala Biologie, Universitatea din Bucuresti

Tabel 2. Standarde minimale*

Parametrul	Conferentiar/ CSII	Abilitare	Profesor / CSI	<i>Punctaj total rezultat pe baza calculului indicatorilor</i>
Σ1 – 2 (recunoaștere internațională)	90 / 110	150	150 / 180	3343.78
Σ1 – 15 (performanța totală)	150 / 180	250	250 / 300	3571.54

* punctaj total rezultat pe baza calculului indicatorilor din *tabel 1*.