



ACADEMIA ROMÂNĂ
SCOSAAR

ANEXA 2

FIȘA DE ÎNDEPLINIRE A STANDARDELOR MINIMALE

prevăzute de CNATDCU pentru Comisia de Biologie și Biochimie, Anexa nr. 19, pg. 49, din ordinul de ministru nr. 6129/20.12.2016 emis de Ministerul Educației și Cercetării Științifice și publicat în Monitorul Oficial al României nr. 123 din 15 februarie 2017

Candidat: **CĂLIN MANUELA**

Condiții preliminare obligatorii pentru obținerea atestatului de abilitare:

Standard prevăzut de CNATDCU	Standard realizat	Îndeplinirea standardului
Minim două granturi naționale 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).	Director proiect/responsabil pentru 10 proiecte/ granturi de cercetare, din care 5 după acordarea titlului de Doctor	DA - Îndeplinit

Director proiect/responsabil pentru 10 proiecte/granturi de cercetare, dintre care 5 după acordarea titlului de Doctor:

1. Director proiect component "*Nanobioparticule inteligente concepute pentru vectorizarea compusilor bioactivi în terapia inflamației vasculare*", din cadrul proiectului complex PCCDI „Terapii inteligente pentru boli non-comunicabile, bazate pe eliberarea controlată de compuși farmacologici din celule încapsulate după manipulare genetică sau bionanoparticule vectorizate”, coordonator proiect complex Maya Simionescu, 13 PCCDI/2018, UEFISCDI, 2018-2020.

2. Director de proiect "*Nanoterapii țintite către endoteliu, proiectate pentru silențierea receptorului pentru produșii de glicare avansată (RAGE) în ateroscleroză*", acronim NANORAGE, PN-II-RU-TE-2014-4-1837, UEFISCDI, 2015-2017.
3. Responsabil partener "*Efectul asupra sănătății umane a pieilor tratate cu nanomateriale pe baza de Ag/TiO₂ pentru industria de încălțăminte*", acronim NANO-SAFE_LEATHER, proiect parteneriat SIINN ERA-NET finantat prin schema ERA-NET a Programului Cadru 7 al Comisiei Europene, Grant Agreement No. 265799, finantat în România de UEFISCDI contract nr. 15/2015; Parteneri: (1) Institutul Național de Cercetare-Dezvoltare Textile și Pielărie, Sucursala Institutul de Cercetare Pielărie-Încălțăminte, București, România, (2) Institutul de Biologie și Patologie Celulară „Nicolae Simionescu”, București, România, (3) Universitatea din Minho, Portugalia, (4) Universitatea Montan din Leoben, Austria, (5) SC TARO COMMIMPEX LTD, București, România, coordonator proiect: Dr. Carmen Gaidău, 2015-2018.
4. Responsabil partener "*Nanoparticule concepute pentru țintirea proceselor inflamatorii dependente de chemokine implicate în boli vasculare și metastaza celulelor tumorale și realizarea unui biosensor pentru diagnosticarea acestor boli*", acronim NANODIATER, proiect EuroNanoMed ERA-NET, finantat prin schema ERA-NET a Programului Cadru 7 al Comisiei Europene, finantat în România de UEFISCDI contract nr. 4-001/2011: Parteneri: (1) Institutul de Biologie și Patologie Celulară „N. Simionescu” (IBPC), (2) Universitatea Politehnică din București, Centrul de Știința Suprafetei și Nanotehnologie, (3) Department of Pharmacy, University of Bonn, Germany, Department of Pharmaceutical Technology, (4) Faculty of Pharmacy, Istanbul University, Istanbul, Turke, (5) Institute of Physiology, University of Zürich, Switzerland, (6) Experimentell Pharmakologie und Onkologie Berlin Buch GmbH (EPO), Berlin, Germany, (7) SC Optoelectronica 2000 SRL, coordonator proiect: Dr. Maya Simionescu, 2011-2014.
5. Director de proiect "*Studiul căilor de semnalizare implicate în expresia fractalkinei indusă de hiperglicemie și țintirea acestora, o nouă strategie în terapia patologiilor cardiovasculare asociate diabetului*", ANCS-CEEX, 1423/2006, 2006-2008.

Standarde minimale prevăzute de CNATDCU pentru Comisia de Biologie și Biochimie

Tabel 1. Parametrii luați în calcul și modul lor de cuantificare

Nr crt	Nr art	Articol	Journal/ISSN	Anul	IF	AIS	Citări (fără autocitări) preluate de pe Scopus	SCOR
1.		Articole în reviste cotate ISI, ca autor principal (prim autor, autor corespondent, ultim autor)						1x[4+(7xAIS)+c]
	1	Voicu G, Rebleanu D, Constantinescu CA, Fuior EV, Ciortan L, Droc I, Uritu CM, Pinteala M, Manduteanu I, Simionescu M, Calin M* , Nano-Polyplexes Mediated Transfection of Runx2-shRNA Mitigates the Osteodifferentiation of Human Valvular Interstitial Cells. <i>Pharmaceutics</i> . 2020 Jun 2;12(6):E507	Pharmaceutics ISSN: 1999-4923	2020	4.421	2.093	0	18.651
	2	Fuior EV, Deleanu M, Constantinescu CA, Rebleanu D, Voicu G, Simionescu M, Calin M* , Functional Role of VCAM-1 Targeted Flavonoid-Loaded Lipid Nanoemulsions in Reducing Endothelium Inflammation, <i>Pharmaceutics</i> . 2019 Aug 3;11(8). pii: E391.	Pharmaceutics ISSN: 1999-4923	2019	4.773	2.093	1	19.651
	3	Rebleanu D, Gaidau C, Voicu G, Constantinescu CA, Mansilla Sánchez C, Rojas TC, Carvalho S, Calin M* . The impact of photocatalytic Ag/TiO2 and Ag/N-TiO2 nanoparticles on human keratinocytes and epithelial lung cells. <i>Toxicology</i> . 2019 Jan 31. pii: S0300-483X(18)30225-7	Toxicology ISSN: 0300-483X	2019	4.099	4.099	4	13.712
	4	Constantinescu CA, Fuior EV, Rebleanu D, Deleanu M, Simion V, Voicu G, Escriou V, Manduteanu I, Simionescu M, Calin M*. Targeted Transfection Using PEGylated Cationic Liposomes Directed Towards P-Selectin Increases siRNA Delivery into Activated Endothelial Cells. <i>Pharmaceutics</i> . 2019 Jan 21;11(1). pii: E47	Pharmaceutics ISSN: 1999-4923	2019	4.773	2.093	3	21.651
	5	Tucureanu, M.M., Rebleanu, D., Constantinescu, C.A., Deleanu, M., Voicu, G., Butoi, E., Calin M* , Manduteanu, I. Lipopolysaccharide-induced inflammation in monocytes/macrophages is blocked by liposomal delivery of Gi-protein inhibitor, <i>Int J Nanomedicine</i> . 2017 Dec 20; 13: 63-76	Int J Nanomedicine ISSN: 1178-2013	2017	4.37	1.573	3	18.011
	6	Simionescu BC, Drobeta M, Timpu D, Vasiliu T, Constantinescu CA, Rebleanu D, Calin M* , David G*, Biopolymers/poly(ε-caprolactone)/polyethylenimine functionalized nano-hydroxyapatite hybrid cryogel: Synthesis, characterization and application in gene delivery, <i>Materials Science and Engineering: C</i> (2017), 81: 167-176.	Materials Science and Engineering: C ISSN: 0928-4931	2017	4.164	1.046	2	13.322
	7	Calin M* , Manduteanu I, Emerging Nanocarriers-Based Approaches To Diagnose And Reduce Vascular Inflammation In Atherosclerosis, <i>Current Medicinal Chemistry</i> 2017;24(6):550-567	Current Medicinal Chemistry ISSN: 0929-8673	2017	3.249	1.471	4	18.297

8	Simion V, Constantinescu CA, Stan D, Deleanu M, Tucureanu MM, Butoi E, Manduteanu I, Simionescu M, Calin M* , P-Selectin Targeted Dexamethasone-Loaded Lipid Nanoemulsions: A Novel Therapy to Reduce Vascular Inflammation, <i>Mediators Inflamm.</i> 2016; 2016:1625149	Mediators Inflamm. ISSN: 0962-9351	2016	3.232	1.09	5	16.63
9	Simion V, Stan D, Constantinescu C A, Deleanu M, Dragan E, Tucureanu MM, Gan AM, Butoi E, Constantin A, Manduteanu I, Simionescu M, Calin M* , Conjugation of curcumin-loaded lipid nanoemulsions with cell-penetrating peptides increases their cellular uptake and enhances the anti-inflammatory effects in endothelial cells. <i>J Pharm Pharmacol.</i> 2016, 68(2):195-207	J Pharm Pharmacol. ISSN: 0022-3573	2016	2.405	0.865	5	15.055
10	Calin M* , Stan D, Schlesinger M, Simion V, Deleanu M, Ana Constantinescu C, Gan AM, Pirvulescu MM, Butoi E, Manduteanu I, Bota M, Enachescu M, Borsig L, Bendas G, Simionescu M, VCAM-1 directed target-sensitive liposomes carrying CCR2 antagonists bind to activated endothelium and reduce adhesion and transmigration of monocytes, <i>Eur J Pharm Biopharm.</i> 89 (2015) 18-29	Eur J Pharm Biopharm. ISSN: 0939-6411	2015	4.159	0.937	16	26.559
11	Simion V, Daniela Stan D, Gan AM, Pirvulescu MM, Butoi E, Manduteanu I, Deleanu M, Andrei E, Durdureanu-Angheluta AM, Bota M, Enachescu M, Calin M* , Simionescu M, Development of curcumin-loaded poly(hydroxybutyrate-co-hydroxyvalerate) nanoparticles as anti-inflammatory carriers to human activated endothelial cells, <i>Journal of Nanoparticle Research</i> , 15 (12), 1-15 (2013)	Journal of Nanoparticle Research ISSN: 1388-0764	2013	2.278	0.647	6	14.529
12	Calin M* , Stan D, Simion V, Stem Cell Regenerative Potential Combined With Nanotechnology And Tissue Engineering For Myocardial Regeneration, <i>Curr Stem Cell Res Ther.</i> 2013 Jul 1;8(4):292-303	Curr Stem Cell Res Ther. ISSN: 2212-3946	2013	2.861	0.733	3	12.131
13	Stan D*, Calin M* , Manduteanu I, Pirvulescu M, Gan AM, Butoi ED, Simion V, Simionescu M, High glucose induces enhanced expression of resistin in human U937 monocyte-like cell line by MAPK- and NF-kB-dependent mechanisms; the modulating effect of insulin, <i>Cell Tissue Res</i> 343 (2011) 379–387	Cell Tissue Res ISSN: 1432-0878	2011	3.114	0.752	20	29.264
14	Voinea Calin M* , I. Manduteanu, E. Dragomir, E. Dragan, M. Nicolae, A.M. Gan, and M. Simionescu, Effect of depletion of monocytes/macrophages on early aortic valve lesion in experimental hyperlipidemia, <i>Cell Tissue Res</i> 336 (2009) 237-48.	Cell Tissue Res ISSN: 1432-0878	2009	2.308	0.9	14	24.3
15	Voinea M* , I. Manduteanu, E. Dragomir, M. Capraru, and M. Simionescu, Immunoliposomes directed toward VCAM-1 interact specifically with activated endothelial cells--a potential tool for specific drug delivery, <i>Pharm Res</i> 22 (2005) 1906-17	Pharm Res ISSN: 0724-8741	2005	2.752	0.996	52	62.972
16	Voinea M. , A. Georgescu, A. Manea, E. Dragomir, I. Manduteanu, D. Popov, and M. Simionescu, Superoxide dismutase entrapped-liposomes restore the impaired endothelium-dependent relaxation of resistance arteries in experimental diabetes, <i>Eur J Pharmacol</i> 484 (2004) 111-8	Eur J Pharmacol ISSN: 0014-2999	2003	2.352	0.78	11	20.46
17	Voinea M. , E. Dragomir, I. Manduteanu, and M. Simionescu, Binding and uptake of transferrin-bound liposomes targeted to transferrin receptors of endothelial cells, <i>Vascul Pharmacol</i> 39 (2002) 13-20	Vascul Pharmacol ISSN: 1537-1891	2002	2.547	0.3	30	36.1

18	Voinea M. , and M. Simionescu, Designing of 'intelligent' liposomes for efficient delivery of drugs, J Cell Mol Med 6 (2002) 465-74	J Cell Mol Med ISSN:1582-4934	2002	1.694	0.2	107	112.4
Total							493.695
2.	Articole în reviste cotate ISI, ca și contributor						0.7x[4+(7xAIS)+c]
19	European Patent no. EP 2832373, inventatori Bendas G, Borsig L, Calin M , Cevher E, Enachescu M, Gok MK, Hoffmann A, Mihaly M, Pabuccuoglu SK, Simionescu M, Schlesinger M, Zeisig R: "Liposome for blocking site-specifically chemokine-related inflammatory processes in vascular diseases and metastasis"	Patent European (EPO)	2017			0	2.8
20	David, G., Clima, L., Calin, M., Constantinescu, C.A., Balan-Porcarasu, M., Uritu, C.M., Simionescu, B.C., Squalene/polyethylenimine based non-viral vectors: Synthesis and use in systems for sustained gene release, Polymer Chemistry, 9(9), pp. 1072-1081, 2018	Polymer Chemistry ISSN: 1759-9954	2018	5.375	1.23	4	11.627
21	Dascalu A. I., Ardeleanu R., Neamtu A., Maier S. S., Uritu C. M., Nicolescu A., Sillion M., Peptanariu D., Calin M. , Pinteala M. Transfection-capable polycationic nanovectors which include PEGylated-cyclodextrin structural units: a new synthesis pathway, J. Mater. Chem. B, 2017, 5: 7164-7174	J. Mater. Chem. B ISSN 2050-7518	2017	4.543	0.943	0	7.4207
22	Tucureanu MM, Butoi E, Gan AM, Daniela Stan, Constantinescu CA, Calin M , Simionescu M, Manduteanu I, Amendment of the cytokine profile in macrophages subsequent to their interaction with smooth muscle cells: Differential modulation by fractalkine and resistin, Cytokine, 2016, 83: 250–261	Cytokine ISSN: 1043-4666	2016	3.488	0.889	2	8.5561
23	Butoi E, Gan AM, Tucureanu MM, Stan D, Macarie RD, Constantinescu C, Calin M , Simionescu M, Manduteanu I, Cross-talk between macrophages and smooth muscle cells impairs collagen and metalloprotease synthesis and promotes angiogenesis, Biochim Biophys Acta. 2016 Apr 7; 1863(7 Pt A):1568-1578.	Biochimica et Biophysica Acta - Molecular Cell Research ISSN: 18792596	2016	4.521	1.865	26	30.1385
24	Roblek M, Calin M , Schlesinger M, Stan D, Zeisig R, Simionescu M, Bendas G, Borsig L, Targeted delivery of CCR2 antagonist to activated pulmonary endothelium prevents metastasis, J Control Release. 2015 Oct 30;220(Pt A):341-347.	J Control Release ISSN: 0168-3659	2015	7.786	1.854	11	19.5846
25	Marin L, Ailincai D, Calin M , Stan D, Constantinescu CA, Ursu L, Doroftei F, Pinteala M, Simionescu BC, Barboiu M, Dynamic Frameworks for DNA transfection, ACS Biomater. Sci. Eng., 2016, 2 (1), pp 104–111	ACS Biomater. Sci. Eng ISSN: 2373-9878	2016	3.234	0.826	5	10.3474
26	Uritu CM, Calin M , Maier SS, Cojocaruc C, Nicolescu A, Peptanariu D, Constantinescu CA, Stan D, Barboiu M, Pinteala M, Flexible cyclic siloxane core enhances the transfection efficiency of polyethylenimine-based non-viral gene vectors, J. Mater. Chem. B, 2015, 3: 8250-8267	J. Mater. Chem. B ISSN 2050-7518	2015	4.872	0.943	1	8.1207

27	Schlesinger M, Zeisig R, Ortmann K, Calin M , Gerber U, Roblek M, Borsig L, Bendas G, Inhibition of chemokine receptor CCR2 reduces sarcoma cell transendothelial migration and metastasis to the lungs, Int J Clin Pharmacol Ther. 2015 Dec;53(12):1046-1048	Int J Clin Pharmacol Ther ISSN: 0946-1965	2015	1.2	0.285	1	4.8965
28	Uritu CM, Varganici C., Ursu L, Coroaba A, Nicolescu A, Dascalu AI, Peptanariu D, Stan D., Constantinescu CA, Simion V, Calin M , Maier SS, Pinteala M, Barboiu M, Hybrid Fullerene Conjugates as Vectors for DNA Cell-Delivery, J. Mater. Chem. B. 3 (2015) 2433-2446	J. Mater. Chem. B ISSN 2050-7518	2015	4.872	0.943	12	15.8207
29	Gan AM, Butoi E, Manea A, Pirvulescu MM, Stan D, Simion V, Calin M , Simionescu M, Manduteanu I., Functional analysis of the fractalkine gene promoter in human aortic smooth muscle cells exposed to proinflammatory conditions, FEBS J (2014) 281(17):3869-81	FEBS Journal ISSN: 1742-4658	2014	4.001	1.341	2	10.7709
30	Pirvulescu MM, Gan AM, Stan D, Simion V, Calin M , Butoi E, Manduteanu I, Subendothelial resistin enhances monocyte transmigration in a co-culture of human endothelial and smooth muscle cells by mechanisms involving fractalkine, MCP-1 and activation of TLR4 and Gi/o proteins signaling, Int J Biochem Cell Biol. (2014) 50:29-37	Int J Biochem Cell Biol. ISSN: 1357-2725	2014	4.24	1.352	24	26.2248
31	Durdureanu-Angheluta A, Uritu CM, Coroaba A, Minea B, Doroftei F, Calin M , Maier SS, Pinteala M, Simionescu M, Simionescu BC, Heparin-Anthranoid Conjugates Associated with Nanomagnetite Particles and Their Cytotoxic Effect on Cancer Cells, J. Biomed. Nanotechnol. (2014) 10, 131-142	J. Biomed. Nanotechnol. ISSN: 1550-7033	2014	5.338	0.533	4	8.2117
32	Gan AM, Pirvulescu MM, Stan D, Simion V, Calin M , Manduteanu I, Butoi E, Cross-talk between activated monocytes and smooth muscle cells activates the STAT3 pathway and induces resistin and reactive oxygen species production, J Cell Biochem. 2013	J Cell Biochem. ISSN:1097-4644	2013	3.368	0.933	9	13.6717
33	Gan A.M., Butoi E., Manea A., Simion V., Stan D., Parvulescu M.M., Calin M. , I. Manduteanu, M. Simionescu, Inflammatory effects of resistin on human smooth muscle cells: up-regulation of fractalkine/CX3CR1 expression by TLR4 and Gi-protein pathways, Cell and Tissue Research (2013), 351(1):161-174.	Cell and Tissue Research ISSN: 14320878	2013	3.333	0.98	27	26.502
34	Pirvulescu M, Manduteanu I, Gan AM, Stan D, Simion V, Butoi E, Calin M , Simionescu M, A novel pro-inflammatory mechanism of action of resistin in human endothelial cells: up-regulation of SOCS3 expression through STAT3 activation, Biochem Biophys Res Commun. (2012), 422: 321-326.	Biochem Biophys Res Commun. ISSN: 0006-291X	2012	2.406	0.775	22	21.9975
35	Butoi Dragomir E, Gan AM, Manduteanu I, Stan D, Calin M , Pirvulescu M, Koenen RR, Weber C, Simionescu M, Cross talk between smooth muscle cells and monocytes/activated monocytes via CX3CL1/CX3CR1 axis augments expression of pro-atherogenic molecules. Biochim Biophys Acta. (2011), 1813(12):2026-2035	Biochimica et Biophysica Acta - Molecular Cell Research ISSN: 18792596	2011	5.538	2.5244	35	39.66956
36	Pirvulescu MM, Gan AM, Stan D, Simion V, Calin M , Butoi E, Tirgoviste CI, Manduteanu I, Curcumin and a Morus alba Extract Reduce Pro-Inflammatory Effects of Resistin in Human Endothelial Cells , Phytoter Res. (2011) 25(12):1737-42	Phytoter Res. ISSN:1099-1573	2011	2.086	1.1	17	20.09

37	Manduteanu I, M. Pirvulescu, A.M. Gan, D. Stan, V. Simion, E. Dragomir, M. Calin , A. Manea, and M. Simionescu, Similar effects of resistin and high glucose on P-selectin and fractalkine expression and monocyte adhesion in human endothelial cells, <i>Biochem Biophys Res Commun</i> (2010) 391 1443-1448.	Biochem Biophys Res Commun ISSN: 0006-291X	2010	2.595	0.9	32	29.61
38	Manduteanu I, E. Dragomir, M. Calin , M. Pirvulescu, A.M. Gan, D. Stan, and M. Simionescu, Resistin up-regulates fractalkine expression in human endothelial cells: lack of additive effect with TNF-alpha, <i>Biochem Biophys Res Commun</i> 381 (2009) 96-101	Biochem Biophys Res Commun ISSN: 0006-291X	2009	2.548	0.9	10	14.21
39	Dragomir E., I. Manduteanu, M. Calin , A.M. Gan, D. Stan, R.R. Koenen, C. Weber, and M. Simionescu, High glucose conditions induce upregulation of fractalkine and monocyte chemotactic protein-1 in human smooth muscle cells, <i>Thromb Haemost</i> 100 (2008) 1155-65.	Thromb Haemost ISSN: 0340-6245	2008	3.803	1.102	36	33.3998
40	Manduteanu I, E. Dragomir, M. Voinea , M. Capraru, and M. Simionescu, Enoxaparin reduces H2O2-induced activation of human endothelial cells by a mechanism involving cell adhesion molecules and nuclear transcription factors, <i>Pharmacology</i> 79 (2007) 154-62.	Pharmacology ISSN: 0031-7012	2007	1.195	0.363	16	15.7787
41	Dragomir E., M. Tircol, I. Manduteanu, M. Voinea , and M. Simionescu, Aspirin and PPAR-alpha activators inhibit monocyte chemoattractant protein-1 expression induced by high glucose concentration in human endothelial cells, <i>Vascul Pharmacol</i> 44 (2006) 440-9.	Vascul Pharmacol ISSN: 1537-1891	2006	1.718	0.733	45	37.8917
42	Dragomir E., I. Manduteanu, M. Voinea , G. Costache, A. Manea, and M. Simionescu, Aspirin rectifies calcium homeostasis, decreases reactive oxygen species, and increases NO production in high glucose-exposed human endothelial cells, <i>J Diabetes Complications</i> 18 (2004) 289-99.	J Diabetes Complications ISSN: 1056-8727	2004	1.864	0.5	25	22.75
43	Manduteanu I., M. Voinea, F. Antohe, E. Dragomir, M. Capraru, L. Radulescu, and M. Simionescu, Effect of enoxaparin on high glucose-induced activation of endothelial cells, <i>Eur J Pharmacol</i> 477 (2003) 269-76.	Eur J Pharmacol ISSN: 0014-2999	2003	2.352	0.7	47	39.13
44	Manduteanu I., M. Voinea , M. Capraru, E. Dragomir, and M. Simionescu, A novel attribute of enoxaparin: inhibition of monocyte adhesion to endothelial cells by a mechanism involving cell adhesion molecules, <i>Pharmacology</i> 65 (2002) 32-7.	Pharmacology ISSN: 0031-7012	2002	1.599	0.3	51	39.97
45	Manduteanu I., M. Voinea , G. Serban, and M. Simionescu, High glucose induces enhanced monocyte adhesion to valvular endothelial cells via a mechanism involving ICAM-1, VCAM-1 and CD18, <i>Endothelium</i> 6 (1999) 315-24.	Endothelium ISSN: 1062-3329	1999	1.510	0.3	36	29.47
Total							548.66056
3.	Articole publicate în reviste indexate BDI, ca autor principal						1 +c

	1	D. Stan, V. Simion, AM Gan, M Pirvulescu, E Butoi, Ileana Manduteanu, M. Calin* , Monocyte infiltration through endothelial cell monolayer studied by a real-time electrical impedance assay, Annals of Romanian Society of Cellular Biology vol. XVII nr. 2/2012	Ann Rom Soc Cell Biol ISSN: 2067-3019	2012			1	2
	2	M. Voinea , E. Dragomir, I. Manduteanu, Gene transfer into endothelial cells using transferrin bound cationic liposomes, Proc. Rom Acad, Series B, 3: 203-206, 2004	Proc Rom Acad Series B ISSN : 1454-826	2004			0	1
	Total							3
4.	Articole publicate în reviste indexate BDI, ca și contributor							0,7 x (1 +c)
	1	Simion V, Gan AM, Stan D, Pirvulescu M, Calin M , Butoi E, Manduteanu I, Resistin and high glucose concentrations-activation of human smooth muscle cells induces enhanced monocyte chemotaxis, Rom J Diabetes Nutr Metab Dis. (2012), 19(1):17-24	Rom J Diabetes Nutr Metab Dis. ISSN 2068-8245	2012			0	0.7
	Total							1.4
5.	Capitole în volume la edituri internaționale de prestigiu							(50+c) : n; n – număr de autori
	1	Fuior EV, Calin M (2020), Nanoparticle-based delivery of polyphenols for the treatment of inflammation-associated diseases. In Book: Advances and Avenues in development of novel carriers for Bioactives and biological agents, Editors: Manju Rawat Singh, Deependra Singh, Jagat Kanwar, Nagendra Singh Chauhan, 343-382, Academic Press, ELSEVIER. ISBN: 978-0-12-819666-3. Number of libraries according Karlsruhe Virtual Catalogue: 108.	Advances and Avenues in development of novel carriers for Bioactives and biological agents ELSEVIER	2020			0	25
	2	Calin M , Butoi E, Manea SA, Simionescu M, Manea A (2016). Lessons from experimental-induced atherosclerosis – valuable for the precision medicine of tomorrow. In book: Arterial Revascularization of the Head and Neck: Text Atlas for Prevention and Management of Stroke, pp.341-365, Editor Horia Muresian, Springer, New York, DOI: 10.1007/978-3-319-34193-4_17. ISBN-10: 331934191X, ISBN-13: 978-3319341910. Number of libraries according Karlsruhe Virtual Catalogue: 136.	Arterial Revascularization of the Head and Neck: Text Atlas for Prevention and Management of Stroke SPRINGER Verlag	2016			0	10
	3	Calin M . (2012) Immunoliposomes for Specific Drug Delivery, in book Antibody-Mediated Drug Delivery Systems: Concepts, Technology, and Applications (editors Y. Pathak and S. Benita), 229-266, John Wiley & Sons, Inc., Hoboken, NJ, USA. doi: 10.1002/9781118229019.ch12. ISBN: 9780470612811 Number of libraries according Karlsruhe Virtual Catalogue: 101.	Antibody-Mediated Drug Delivery Systems: Concepts, Technology, and Applications JOHN WILEY & SONS	2012			1	51
	Total							86

6. Capitoale în cărți/volume la edituri naționale								(10+c) : n; n – număr de autori
1	Voinea M. , I. Manduteanu, M. Simionescu, Interaction of liposomes with vascular endothelium, Current problems and techniques in cellular and molecular biology, vol 3,26-29, Ed. Risoprint Cluj-Napoca, Eds. C. Craciun, A. Ardelean, 1998.	Current problems and techniques in cellular and molecular biology ISBN: 973-578-247-2	1998			0	3.33	
2	Voinea M. , I. Manduteanu, M. Simionescu, Effect of antioxidants on adhesion monocytes to valvular endothelial cells grown in high glucose concentration, Current problems and techniques in cellular and molecular biology, vol 3,141-145, Ed. Risoprint Cluj-Napoca, Eds. C. Craciun, A. Ardelean, 1998.	Current problems and techniques in cellular and molecular biology ISBN: 973-578-247-2	1998			0	3.33	
3	Manduteanu I., Voinea M. , M. Capraru, M. Simionescu, Effect of clexane on monocyte adhesion to valvular endothelium, Current problems and techniques in cellular and molecular biology, vol 4, 136-140, Ed. Risoprint Cluj-Napoca, Eds. C. Craciun, A. Ardelean, 1999.	Current problems and techniques in cellular and molecular biology ISBN: 973-578-247-2	1999			0	2.5	
Total							9.17	

Tabel 2. Punctaj total rezultat pe baza calculului indicatorilor din Tabelul 1.

Parametrul	Standarde minimale CNATDCU	Punctaj obținut	Îndeplinirea standardului
Punctaj cumulativ 1-2 - Recunoaștere internațională	150	1042.36	DA - Îndeplinit
Punctaj cumulativ indici 1-15 – Performanță totală	250	1141.22	DA - Îndeplinit

Data 28/07/2020

CSI, Dr. Manuela Calin

