

NUME CANDIDAT: Bogdan CALENIC

**FIȘA DE VERIFICARE PRIVIND CONFERIREA TITLULUI DE ȘEF DE LUCRĂRI
(CERCETATOR STIINTIFIC III)**

PARCURSUL PROFESIONAL					
		DA	NU	Punctaj	
				Maxim	Autoevaluare Comisie
Studii de Masterat				3	
Poziția profesională actuală	Sef lucrari			2	2
	Din afara învățământului				
Total punctaj					2

Pentru poziția profesională actuală se trece ultima poziție.

ACTIVITATEA DIDACTICĂ ȘI PROFESIONALĂ

Cărți și capitole în cărți de specialitate:

Cărți și capitole în cărți de specialitate	DA/Nr.	NU	Punctaj		
			Alocat	Autoevaluare	Comisie
Tratat în edituri internaționale – coordonator (sub redacția)			24 x Nr	-	
Capitol în tratat în edituri internaționale – autor unic			6 x Nr	-	
Capitol în tratat în edituri internaționale – coautor			(6/nr.coautori) x Nr	6/3=2 6/2=3 6/2=3 6/3=2 6/2=3 6/5=1.2	
Monografie/alte cărți în edituri internaționale – autor unic			18 x Nr	-	
Monografie/alte cărți în edituri internaționale – coautor			(18/nr.coautori) x Nr	-	
Tratat în edituri naționale – coordonator (sub redacția)			12 x Nr	-	
Capitol în tratat în edituri naționale – autor unic			3 x Nr	-	
Capitol în tratat în edituri naționale – coautor			(3/nr. coautori) x Nr	-	
Monografie/alte cărți în edituri naționale – autor unic sau prim-autor			6 x Nr	6x1=6	
Monografie/alte cărți în edituri naționale – co-autor			(6/nr.coautori) x Nr	6/5=1.2 6/4=1.5 6/9=0.6 6/5=1.2	
Total punctaj				24.7	

Capitol în tratat în edituri internaționale – coautor

1. Maurizio Battino, Maria Greabu M, **Bogdan Calenic (main author)**, Oxidative Damage and Antioxidant Protection : the science of biology and medicine in health and disease, *Wiley & Sons Publishing House*, Edited by D Armstrong, Chapter: Oxidative stress in oral cavity: interplay between reactive oxygen species and antioxidants in health, inflammation and cancer, 2015 - **all authors equally contributed to the present work**
2. **Bogdan Calenic (main author)**, Ken Yaegaki Studies on Periodontal Disease, *Springer Publishing House*, Edited by D. Ekuni; Chapter: DNA damages caused by oral malodorous compound in periodontal cells: in vitro. 2014, pp: 77-84
3. **Bogdan Calenic (main author)**, Ken Yaegaki Studies on gingivitis and periodontal disease, *Springer Publishing House*, Edited by D. Ekuni; Chapter: Apoptotic pathways triggered by oral malodorous compound in periodontal cells. 2014, pp: 85-93
4. Ken Yaegaki, **Bogdan Calenic** and Toshio Imai Stem cells and cancer stem cells, *Springer Publishing House*, Edited by M.A. Hyatt; Chapter: Induction of apoptosis in human keratinocyte stem cells: role of hydrogen sulfide. 2012, pp 371-376
5. Maria Greabu, **Bogdan Calenic** Studies on gingivitis and periodontal disease, *Springer Publishing House*, Edited by D. Ekuni; Chapter: Salivary Biomarkers of Oxidative Stress Associated with Periodontal Diseases 2014, pp:329-343
6. Cristiana Pistol Tanase, Ana-Maria Enciu, Maria Linda Cruceru, **Bogdan Calenic** and Radu Albulescu; Pancreatic Cancer, *InTech Europe*, Edited by Kelly D. McCall ; Chapter: Stem cells in pancreatic cancer, 2014

Monografie/alte cărți în edituri naționale – autor unic sau prim-autor

1. **Bogdan Calenic**, Maria Greabu Aspecte moderne de biochimie in medicina dentara, Editura Standardizarea. 2015

Monografie/alte cărți în edituri naționale – co-autor

1. Maria Greabu, Alexandra Totan, Daniela Miricescu, Radu Rădulescu, **Bogdan Calenic**, Grile și subiecte de chimie și biochimie dentară , Editura Standardizarea, București ,2014
2. Simona Mihai, **Bogdan Calenic**, Cristiana Tanase Coordonator: Radu Albulescu, Evaluarea profilului proteomic in cancer Tehnologia Multiplex - xMAP array, Editura - Constanta: Vif, 2013

3. Iulia-Ioana Stanescu, Justina Varlan, Daniela Miricescu, **Bogdan Calenic**, Radu Radulescu, Mircea Tampa, Simona-Roxana Georgescu, Daniela Costea, Maria Greabu Keratinocitele stem orale - caracterizare, mecanisme moleculare și roluri în țesutul epitelial oral normal și patologic, Dermatologia la interfața cu alte discipline, Editura UMF Iasi, 2015
4. Mircea Tampa, Isabela Sarbu, Simona-Roxana Georgescu, **Bogdan Calenic**, Maria Greabu Tatuașele- o perspectivă dermatologică, Dermatologia la interfața cu alte discipline, Editura UMF Iasi, 2015

ACTIVITATEA DE CERCETARE

A1. Articole in extenso publicate în reviste cotate ISI Thomson Reuters în revistele și volumele unor manifestări științifice indexate în alte BDI, sau în reviste din țară recunoscute de către CNCSIS (cel puțin categoria B):

Articole in extenso	DA/Nr.	NU	Punctaj		
			Alocat	Autoevaluare	Comisie
ISI Thomson Reuters (cu factor de impact)			4 x Nr	45 x 4 =180	
ISI Thomson Reuters (fără factor de impact)			3 x Nr		
Baze de date internaționale (BDI)			2 x Nr	6 x 2 = 12	
CNCSIS (cel puțin categoria B)			1 x Nr		
Total punctaj				192	

Standard minim: minim 5 lucrări publicate in extenso, în ultimii 5 ani, în reviste indexate BDI sau în reviste internaționale cu IF, din care minim 2 ca autor principal (echivalare: 1 articol publicat în reviste cu IF = 4 articole publicate în reviste naționale indexate BDI).

Standar minim: 20 articole publicate in ultimii 5 ani (17 ISI / 3 BDI) din care 15 ca autor principal

Rusu D, Boariu M, Stratul IS, Bojin F, Paunescu V, Calniceanu H, Petra Surlin P, Roman A, Milicescu S, Caruntu C, Didilescu A, Gaje N, **Calenic B (main author)**, Interaction between a 3D collagen matrix used for periodontal softtissue regeneration and T-lymphocytes: An in vitro pilot study, Experimental and Therapeutical Medicine DOI: 10.3892/etm.2018.6979, IF – 1,41

Stănescu I, Dima A, Bălănescu E, Miricescu, Totan A, Rădulescu R, **Calenic B (corresponding author)**, Perlea P, Bălan D, Greabu M, Salivary matrix metalloproteinases activity levels in autoimmune disease, Stoma.Edu Journal 2018, 5 (3)

Calenic B (first author), Pantea M, Tancu AMC, Perlea P, Greabu M, Melescanu Imre M Interactions of modern aesthetic materials for prosthetic restorations with oral mucosa a pilot study, February 2018, Revista de Chimie -Bucharest- Original Edition- 69(2):386-390, IF-1,412

Radulescu C, Miricescu D, **Calenic B**, Radulescu R, Stanescu I, Calenic A, Totan A, Virgolici B, Balan D, Greabu M The Antioxidant Effect Of Plga Nanoparticles Encapsulated With Lutein In Rats Treated With Hypercaloric Diet, *Materiale plastice*, 55(3),291-294, 2018, IF – 1.248

Stanescu I, **Calenic B (corresponding author)**, Dima A, Miricescu D, Badita D, Baicus C, Balanescu P, Perlea P, Greabu M Saliva as a monitoring fluid for hormonal activity in systemic lupus erythematosus, *Revista de Chimie*, Accepted 2017, IF-1.3

Badita D, Stanescu I, Balcangiu-Stroescu A, Piperea-Sianu D, Miricescu D, **Calenic B (main author - all authors equal contributions)**, Greabu M Salivary and serum biochemical alterations in patients with acute viral hepatitis, *Revista de Chimie*, Accepted 2017, IF-1.3

Stanescu I, Totan A, Rus F, Miricescu D, Mocanu B, **Calenic B**, Greabu M Salivary diagnosis - clinical uses in assessing oral inflammation *Revista de Chimie*, Accepted 2017

Virlan MJR, **Calenic B**, Cimpan MR, Costea DE, Greabu M. Chitosan modified poly(lactic-co glycolic) acid nanoparticles interaction with normal, precancerous keratinocytes and dental pulp cells. *Stoma Edu J*. 2017;4(1):16-2

Miricescu D, Stanescu I, Perlea P, **Calenic B (corresponding author)**, Radulescu R, Totan A, Virgolici B, Sabliov C, Greabu M Oxidative stress following PLGA nanoparticles administration to an animal model, *Materiale Plastice*, Accepted 2017, IF-1,248

Rusu D, Stratul SI, Festila D, Surlin P, Kasaj A, Baderca F, Boariu M, Jentsch H, Locovei C, **Calenic B**. Histology and surface ultrastructure during early healing after gingival augmentation with a three-dimensional collagen matrix: A report of six cases. *Quintessence Int*. 2016 Nov 7:1-11. doi: 10.3290/j.qi.a37016. IF - 0.8

Voiculescu, V., **Calenic B (corresponding author)**, Ghita, M., Lupu, M., Caruntu, A., Moraru, L., ... & Caruntu, C. (2016). From Normal Skin to Squamous Cell Carcinoma: A Quest for Novel Biomarkers. *Disease Markers*, Accepted August 2016, IF - 2,1

Lupu, M., Caruntu, C., Ghita, M.A., Voiculescu, V., Voiculescu, S., Rosca, A.E., Caruntu, A., Moraru, L., Popa, I.M., **Calenic, B.** and Greabu, M., 2016. Gene Expression and Proteome Analysis as Sources of Biomarkers in Basal Cell Carcinoma. *Disease Markers*, Accepted August 2016, IF - 2,1 (**main author - all authors equal contributions**)

Sumit L, **Calenic B**, Astete C, Kumar C, Sabliov C Investigation on hemolytic effect of poly (lactic co-glycolic) acid nanoparticles synthesized using continuous flow and batch processes, *Nanotechnology Reviews*, Accepted August 2016, IF - 2.04

Darian Rusu, **Calenic B (corresponding author)**, Maria Greabu, Alexander Kralev, Marius Boariu, Florina Bojin, Simona Anghel, Virgil Paunescu, Octavia Vela, Horia Calniceanu, Stefan-Ioan Stratul, Evaluation of oral keratinocyte progenitor and T-lymphocyte cells response during early healing after augmentation of keratinized gingiva with a 3D collagen matrix - a pilot study, *BMC Oral Health*, Accepted April 2016, IF - 1,12

Calenic B, Maria Greabu, Constantin Caruntu, Mihnea Ioan Nicolescu, Liliana Moraru, Carmen Cristina Surdu-Bob, Marius Badulescu, Alexandru Anghel, Constantin Logofatu, Daniel Boda, Oral keratinocyte stem cells behavior on diamond like carbon films, *Romanian Biotechnological Letters*, Accepted January 2016, IF - 0,31

Greabu M, Totan A, Miricescu D, Radulescu R, Virlan J, **Calenic B (corresponding author)**. Hydrogen Sulfide, Oxidative Stress and Periodontal Diseases: A Concise Review. *Antioxidants* (Basel). 2016 Jan 14;5(1). pii: E3. doi: 10.3390/antiox5010003 (Not ISI)

Virlan MJ, Miricescu D, Radulescu R, Sabliov C, Totan A, **Calenic B (corresponding author)**, Greabu M Organic Nanomaterials and Their Applications in the Treatment of Oral Diseases, *Molecules*, accepted January 2016, Impact factor - 2.41

Gugasa LA, van Staden RIS, Dima A, Visan CA, Streinu-Cercel A, Biris A, **Calenic B**, Fast screening of biological fluids for cytokines and adipokines using stochastic sensing, *Microelectronic Engineering*, Accepted August 2015, Impact factor - 1.19

Calenic B, Miricescu D, Greabu M, Kuznetsov A, Troppmair J, Ruzsanyi V and Amann A Oxidative stress and volatile organic compounds: interplay in pulmonary, cardio-vascular, digestive tract systems and cancer; *Open Chemistry*, Accepted March 2015, Impact Factor - 1.029

Virlan MJ, Greabu M, Miricescu D, Tanase C, Sabliov C, Caruntu C and **Calenic B (corresponding author)** Current uses of poly(lactic-co-glycolic acid) (PLGA) in the dental field: a comprehensive review, *Journal of Chemistry*, Accepted February 2015, Impact factor - 0.77

Tanase C, Albulescu R, Codrici E, **Calenic B**, Popescu ID, Mihai S, Necula L, Cruceru ML and Hinescu ME Decreased expression of APAF-1 and increased expression of Cathepsin B in invasive pituitary adenoma, *OncoTargets and Therapy*, October 2014, Impact Factor - 1.37

Paun I, **Calenic B**, et al. Laser micro-patterning of biodegradable polymer blends for tissue engineering, *Journal of Materials Science*, Accepted September 2014, Impact Factor - 2.305

Ruzsanyi V, Lederer W, Seger C, **Calenic B**, Liedl KR, Amann A, Non-CO₂ targeted breath tests: a feasibility study, *Journal of Breath Research*, accepted August 2014, Impact Factor - 2.571

van Staden RI, Gugoasa L, **Calenic B**, Legler J Multimode sensors as new tools for molecular recognition of testosterone, dihydrotestosterone and estradiol in children's saliva, *Journal of Molecular Recognition*, Accepted June 2014 - Impact factor 3.006

van Staden RI, Gugoasa L, **Calenic B**, Legler J Pattern recognition of estradiol, testosterone and dihydrotestosterone in children's saliva samples using stochastic microsensors, *Scientific Reports*, Accepted June 2014 - Impact factor 5.078

van Staden RI, Gugoasa L, **Calenic B**, van Staden JF, Legler J, Screening of children saliva samples for bisphenol A using stochastic, amperometric and multimode microsensors, *Analytical Chemistry Research*, Accepted June 2014

Gugoasa L, van Staden RI, van Staden JF, **Calenic B**, Legler J New platforms for fast assessment of levels of testosterone, dihydrotestosterone and estradiol in children's saliva *Analytical Letters*, Accepted October 2014, Impact factor - 0.982

Calenic B, Caruntu C, Greabu M, Battino M Oral Keratinocyte Stem/Progenitor Cells: Specific Markers, Molecular Signaling Pathways and Potential Uses, *Periodontology* 2000, Accepted 2014, DOI: 10.1111/prd.12097, Impact factor - 3.632

Caruntu C, Boda D, Musat S, Caruntu A, Poenaru E, **Calenic B**, Savulescu I, Dragia A, Rotaru M, Badarau AI Stress effects on cutaneous nociceptive nerve fibres and their neurons of origin in rats, Romanian Biotechnological Letters, Accepted 2014, Impact factor 0.219

Calenic B, Amann A. Detection of volatile malodorous compounds in breath: current analytical techniques and implications in human disease, Bioanalysis, 2014 ;6(3):357-76 Impact factor 3.253

Calenic B, Filipiak W, Greabu M, Amann A Volatile Organic Compounds Expression in Different Cell Types: An In Vitro Approach, International Journal of Clinical Toxicology, 2013, 1, 27-30

Calenic B, Paun IA, van Staden RI, Didilescu A, Petre A, Dinescu M, Greabu M. Novel method for proliferation of oral keratinocyte stem-like cells, Journal of Periodontal Research, Accepted 2013 - Impact factor 1.99

Tanase CP, Enciu AM, Mihai S, Neagu Ai, **Calenic B**, Cruceru LM, Anti-cancer therapies in high grade gliomas, Current Proteomics, 2013, DOI: 10.2174/15701646 11310030007 Impact factor 0.83

Tanase CP, Neagu AI, Necula LG, Mambet C, Enciu AM, **Calenic B**, Cruceru ML, Albulescu R, Cancer stem cells: involvement in pancreatic cancer pathogenesis and cancer therapeutics perspectives, World Journal of Gastroenterology, Accepted 2013 (IF- 2.547)

Miricescu D, Totan A, **Calenic B (corresponding author)**, Mocanu B, Didilescu A, Mohora M, Spinu T, Greabu M Salivary biomarkers: Relationship between oxidative stress and alveolar bone loss in chronic periodontitis Acta Odontol Scand. accepted April 2013 - Impact factor - 1.066

Paun, I.A., Mihailescu, M., **Calenic B**, Luculescu, C.R., Greabu, M., Dinescu, M. MAPLE deposition of 3D micropatterned polymeric substrates for cell culture Applied Surface Science accepted 2013 - Impact factor - 2.103

Calenic B, Okamura K, Yaegaki K, Tovar S, Tanaka T, Imai T Role of the p53-mediated apoptotic pathway in oral lichen planus: relationship among pro-apoptotic, anti-apoptotic and keratinocyte markers Journal of Oral and Maxillofacial Surgery, Medicine and Pathology, Accepted May 2013

Calenic B, Yaegaki K, Ishkitiev N, Kumazawa Y, Imai T, Tanaka T. p53-pathway activity and apoptosis in hydrogen sulfide-exposed stem cells separated from human gingival epithelium J Periodontal Res. Accepted 2012 Aug 21 - Impact factor 1.686

Aoyama I, Yaegaki K, **Calenic B**, Ii H, Ishkitiev N, Imai T. The role of p53 in an apoptotic process caused by an oral malodorous compound in periodontal tissues: a review. J Breath Res. 2012 Mar;6(1):017104 - Impact factor – 2.541

Aoyama I, **Calenic B**, Imai T, Hisataka I, Yaegaki K, Oral malodorous compound causes caspase-8 and -9 mediated programmed cell death in osteoblasts. J Periodontal Res. 2012 Mar;6(1):017104 – Impact factor 1.686

Ishkitiev N, **Calenic B**, Aoyama I, Ii H, Yaegaki K, Imai T. Hydrogen sulfide increases hepatic differentiation in tooth-pulp stem cells. J Breath Res. 2012 Mar;6(1):017103 – Impact factor – 2.541

Yaegaki K, Brunette DM, Tangerman A, Choe YS, Winkel EG, Ito S, Kitano T, Ii H, **Calenic B**, Ishkitiev N, Imai T. Standardization of clinical protocols in oral malodor research. J Breath Res. 2012 Mar;6(1):017101 - Impact factor – 2.541

Kobayashi C, Yaegaki K, **Calenic B**, Ishkitiev N, Imai T, Kobayashi H, Izumi Y, Haapasalo M, Hydrogen sulfide causes apoptosis in human pulp stem cells, Journal of Endodontics 2011 – Impact factor – 2.880

Calenic B, Ishkitiev N, Yaegaki K, Imai T, Characterization of oral keratinocyte stem cells and prospects of their differentiation to oral epithelial equivalents, Romanian Journal of Morphology and Embriology 2010 – Impact factor - 0.523

Calenic B, Yaegaki K, Traykova A, Imai T, Oral malodorous compound causes oxidative stress and p53 mediated programmed cell death in keratinocyte stem cells, Journal of Periodontology 2010 – Impact factor - 2.602

Hirata T, Ishkitiev N, Yaegaki K, **Calenic B**, Ishikawa H, Nakahara T, Mitev V, Tanaka T, Haapasalo M, Expression of multiple stem cell markers in dental pulp cells cultured in serum-free media, Journal of Endodontics 2010 – Impact factor – 2.880

Calenic B, Ishkitiev N, Yaegaki K, Imai T, Kumazawa Y, Nasu M, Hirata T, Magnetic separation and characterization of keratinocyte stem cells from human gingiva, Journal of Periodontal Research 2010 - Impact factor 1.686

Ishkitiev N; Yaegaki K; **Calenic B**; Nakahara T; Ishikawa H; Mitev V; Haapasalo M. Deciduous and Permanent Dental Pulp Mezenchimal Cells Acquire Hepatic Morphological and Functional Features in vitro. Journal of Endodontics 2009 - Impact factor – 2.880

Fujimura M, **Calenic B**, Yaegaki K, Murata T, Ii H, Imai T, Sato T and Izumi Y. Oral malodorous compound activates mitochondrial pathway inducing apoptosis in human gingival fibroblasts. Clinical Oral Investigations 2009 – Impact factor - 2.364

Calenic B, Yaegaki K, Murata T, Imai T, Aoyama I, Sato T, Ii H. Oral malodorous compound triggers mitochondrial-dependent apoptosis and causes genomic DNA damage in human gingival epithelial cells. Journal of Periodontal Research 2009

Murata T, Yaegaki K, Qian W, Herai M, **Calenic B**, Imai T, Sato T, Tanaka T, Kamoda T, Ii H, Hydrogen sulfide induces apoptosis in epithelial cells derived from human gingiva. Journal of Breath Research 2008 - Impact factor – 2.541

SAU

A2. Calitatea de deținător a cel puțin 1 brevet de invenție/inovație, atestat de OSIM sau alt organism recunoscut de certificare a proprietății intelectuale/industriale.

Brevete de invenție:

	Punctaj
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Brevete		Alocat pe item	Autoevaluare	Comisie
DA/Nr	NU			
2		1-5 x Nr	2 x 5 = 10	
Nr. total puncte			10	

Numarul de puncte se alocă între 1 și 5 în funcție de importanța brevetului.

Brevete de invenție atestate international

1. Title: New stem cell obtained from the non-embryonic property structure/tissue, used for gingival epithelium treatment; *Patent Number(s)*: JP2011205929-A; *Inventor Name(s)*: Yaegaki K; Imai T; **Calenic B**; Ishkitiev N (Conform Thomson Reuters)
2. Title: Serum free medium useful for cultivating a stem cell, comprises insulin transferrin selenite, embryotrophy factor derived from a human neck-of-womb squamous-epithelium cancer cell, and a basal medium; *Patent Number(s)*: JP2011177140-A; *Inventor Name(s)*: Ishikawa H; Hirata T M; **Calenic B**; Yaegaki K; Ishkitiev N (Conform Thomson Reuters)

Standard minim: Calitatea de deținător a cel puțin 1 brevet de invenție/ inovație atestat de OSIM sau alt organism recunoscut de certificare a proprietății intelectuale/industriale.

B. Studii publicate în rezumat în reviste cotate ISI Thomson Reuters sau în reviste și volumele unor manifestări științifice cu ISBN/ISSN:

Studii publicate în formă de rezumat	DA/Nr.	NU	Punctaj		
			Alocat	Autoevaluare	Comisie
ISI Thomson Reuters (cu factor de impact)			0,25 x Nr	-	
ISI Thomson Reuters (fără factor de impact)			0,20 x Nr	-	
Reviste/volumele unor manifestări științifice cu ISBN/ISSN			0,10 x Nr	0.1 x 84 = 8.4	
Total punctaj				8.4	

Reviste/volumele unor manifestări științifice cu ISBN/ISSN

84 prezentari (postere si prezentari orale) la conferinte de profil nationale si internationale

C. Granturi/proiecte câștigate prin competiție:

	DA/Nr.	NU	Punctaj		
			Alocat	Autoevaluare	Comisie
Grant/proiect internațional – director/responsabil			8 x Nr	8 x 1 = 8	
Grant/proiect internațional – membru în echipa de cercetare			4 x Nr	4 x 12 = 48	
Grant/proiect național – director/responsabil			4 x Nr	4 x 3 = 12	
Grant/proiect național – membru în echipa de cercetare			2 x Nr	2 x 4 = 8	
Studii multicentrice internaționale – investigator principal			3 x Nr		
Studii multicentrice internaționale - membru în echipa de cercetare			1 x Nr		
Studii multicentrice naționale – investigator principal			1 x Nr		
Studii multicentrice naționale – membru în echipa de cercetare			0,5 x Nr		
Proiecte educaționale și de formare continuă - director			1,5 x Nr		
Proiecte educaționale și de formare continuă – respons.			1 x Nr		
Proiecte educaționale și de formare continuă - membru			0,5 x Nr		
Total punctaj				76	

Grant/proiect internațional – director/responsabil

1. Titlu: Polymeric nanoparticle synthesis targeted for oral epithelial stem cells

Pozitia: **Director proiect**

Perioada: 2015-2016

Institutia finantatoare: Fulbright Senior Grant - Fulbright Comission

Suma: 10000 EUR

Grant/proiect național – director/responsabil

1 .Titlu: Index Predictiv pentru folosirea Keratinocitelor Stem Orale in Ingineria Tisulara

Pozitia: **Director proiect**

Perioada: 2015-2017

Institutia finantatoare: – UEFISCDI Romania - Executive Unit for Financing Education Higher Research Development and Innovation

Suma: 125000 EUR

2 Titlu: Tissue engineered oral mucosa developed from keratinocyte cells using specific substrate topographies

Pozitia: **Director proiect**

Perioada: 2011-2013

Institutia finantatoare: – UEFISCDI Romania - Executive Unit for Financing Education Higher Research Development and Innovation

Suma: 70000 EUR

3 Titlu: Wnt/Notch/Hedgehog molecular signaling pathways of oral keratinocyte stem cells in oral squamous cell carcinoma

Pozitia: **Director proiect**

Perioada: 2012-2015

Institutia finantatoare: University of Medicine and Pharmacy Carol Davila, Bucharest, Romania

Suma: 5000 EUR

Grant/proiect național – membru în echipa de cercetare

1 Titlu: Implementarea tehnologiilor proteomice pentru descoperirea de noi biomarkeri in cancer

Pozitia: **Membru**

Perioada: 2010-2013

Institutia finantatoare: ANCS Romania – National Authority for Scientific Research

Suma: 4.881.600 RON

Director proiect: Professor Stefan Constantinescu MD, PhD (Ludwig Institute for Cancer Research Ltd, Brussels , Belgium)

2 Titlu: Microsenzorii stocastici ca noi instrumente de masurare a substantelor de importanta biologica

Pozitia: **Membru**

Perioada: 2011-2014

Institutia finantatoare: UEFISCDI Romania – Executive Unit for Financing Education Higher Research Development and Innovation (Ideas Competition)

Suma:-

Director proiect: Professor Iustina van Staden (PATLAB, Laboratorul de Tehnologie Analitica de process, Institutul National de Cercetare-Dezvoltare pentru Electrochimie si Materie Condensata, Bucuresti)

3 Titlu: Detectie si inhibare de cancer la nivel molecular; Bilateral Program: Romania – Moldova

Pozitia: **Membru**

Perioada: 2010-2012

Institutia finantatoare: ANCS, Romania– National Authority for Scientific Research

Suma -

Director proiect: Professor Iustina van Staden (PATLAB, Laboratorul de Tehnologie Analitica de process, Institutul National de Cercetare-Dezvoltare pentru Electrochimie si Materie Condensata, Bucuresti)

4 Titlu: Index Predictiv pentru folosirea Keratinocitelor Stem Orale in Ingineria Tisulara

Pozitia: **Membru**

Perioada: 2015-2017

Institutia finantatoare: – UEFISCDI Romania - Executive Unit for Financing Education Higher Research Development and Innovation ; PN-III-P4-ID-PCE-2016-0506

Suma: 125000 EUR

Grant/proiect internațional – membru în echipa de cercetare

1. Titlu: Study for the developing process of the general condition caused by Periodontitis: effects of volatile sulfur compounds on stem cells

Pozitia: **Membru**

Perioada: 2008-2011

Institutia finantatoare: The Japanese Ministry of Education, Culture, Sports, Science and Technology

Suma: 200.100 USD

Director proiect: Ken Yaegaki, Professor and Head, Department of Oral Health, Nippon Dental University, Tokyo, Japan

2. Titlu: Study on the induction of apoptosis of Periodontal cells by volatile sulfur compounds and its pathological activities

Pozitia: **Membru**

Perioada: 2005-2009

Institutia finantatoare: The Japanese Ministry of Education, Culture, Sports, Science and Technology

Suma: 182.000 USD

Director proiect: Ken Yaegaki, Professor and Head, Department of Oral Health, Nippon Dental University, Tokyo, Japan

3. Titlu: Study on health promotion for developing the habits to visit a dentist regularly for PTC

Pozitia: **Membru**

Perioada: 2007

Institutia finantatoare: The Japanese Ministry of Education, Culture, Sports, Science and Technology

Suma: 49.000 USD

Director proiect: Ken Yaegaki, Professor and Head, Department of Oral Health, Nippon Dental University, Tokyo, Japan

4. Titlu: The process of inducing osteoclast by VSC

Pozitia: **Membru**

Perioada: 2007-2012

Institutia finantatoare: The Japanese Ministry of Education, Culture, Sports, Science and Technology

Suma: 46.000 USD

Director proiect: Toshio Imai, Associate Professor, Department of Oral Health, Nippon Dental University, Tokyo, Japan

5. Titlu: Stem cell research for regenerative medicine using dental tissues

Pozitia: **Membru**

Perioada: 2009

Institutia finantatoare: Nippon Dental University Fund

Suma: 58.650 USD

Director proiect: Ken Yaegaki, Professor and Head, Department of Oral Health, Nippon Dental University, Tokyo, Japan

6. Titlu: Health promotion study for children

Pozitia: **Membru**

Perioada: 2009

Institutia finantatoare: The Japan International Cooperation Agency

Suma: 12.000 USD

Director proiect: Ken Yaegaki, Professor and Head, Department of Oral Health, Nippon Dental University, Tokyo, Japan

7. Titlu: Developing of regenerative gingiva including bone from stem cells

Pozitia: **Membru**

Perioada: 2010-2013

Institutia finantatoare: The Japanese Ministry of Education, Culture, Sports, Science and Technology

Suma: 341.000 USD

Director proiect: Ken Yaegaki, Professor and Head, Department of Oral Health, Nippon Dental University, Tokyo, Japan

8. Titlu: Stem cell research for regenerative medicine using dental tissues

Pozitia: **Membru**

Perioada: 2009

Institutia finantatoare: Nippon Dental University Fund

Suma: 65.000 USD

Director proiect: Ken Yaegaki, Professor and Head, Department of Oral Health, Nippon Dental University, Tokyo, Japan

9. Titlu: Development of socially universal regenerative medicine with using human dental pulp

Pozitia: **Membru**

Perioada: 2011-2015

Institutia finantatoare: The Japanese Ministry of Education, Culture, Sports, Science and Technology

Suma: 233.000 USD

Director proiect: Ken Yaegaki, Professor and Head, Department of Oral Health, Nippon Dental University, Tokyo, Japan

10. Titlu: New generation of regenerative medicine started by Nippon Dental University: clinical applications of oral stem cells

Pozitia: **Membru**

Perioada: 2009

Institutia finantatoare: Nippon Dental University Fund

Suma: 49.000 USD

Director proiect: Ken Yaegaki, Professor and Head, Department of Oral Health, Nippon Dental University, Tokyo, Japan

11. Titlu: Scientific research project for long life of elderies: study for promoting oral functions and health administration

Pozitia: **Membru**

Perioada: 2011

Institutia finantatoare: Japanese Ministry of Health, Labor and Welfare

Suma: 134.000 USD

Director proiect: Ken Yaegaki, Professor and Head, Department of Oral Health, Nippon Dental University, Tokyo, Japan

12. Titlu: Education research of eating habits for children's health promotion: exploring studies for assisting both mentors and children

Pozitia: **Membru**

Perioada: 2011-2015

Institutia finantatoare: The Japanese Ministry of Education, Culture, Sports, Science and Technology

Suma: 134.000 USD

Director proiect: Ken Yaegaki, Professor and Head, Department of Oral Health, Nippon Dental University, Tokyo, Japan

RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII

	DA/Nr	NU	Punctaj			
			Alocat pe item	Autoevaluare	Comisie	
Citări în reviste ISI și BDI			0,05 x Nr	0.05 x 902 = 45.1		
Membru în conducerea unor structuri profesional științifice internaționale			1-4 x Nr	-		
Membru în conducerea unor structuri profesional științifice naționale			1-2 x Nr	-		
Membru în colective editoriale (de redacție)			1-3 x Nr	2 x 3 =6		
Recenzor (reviewer) pentru reviste CNCSIS (cel puțin categoria B) sau reviste cotate ISI/BDI			1-2 x Nr	2 x 31 = 62		
Premii/distincții internaționale			1-4 x Nr	4 x 3 = 12		

Premii/distincții naționale				1-2 x Nr	2 x 1 = 2		
Prezentări invitate în plenul unor manifestări științifice internaționale				1-2 x Nr			
Prezentări invitate în plenul unor manifestări științifice naționale				0,25-0,5 x Nr			
Membru în comitet de organizare manifestări științifice internaționale				0,10-0,50 x Nr			
Membru în comitet de organizare manifestări științifice naționale				0,10-0,25 x Nr			
Membru comisii de doctorat (exclusiv președinte)				0,10 x Nr			
Profesor invitat (exclusiv ERASMUS)				1-4 x Nr			
Experiență de management în cercetare și/sau învățământ				1-5 puncte (la aprecierea comisiei)	1		
Participare efectivă la manifestări științifice				0,05 x Nr	0.05 x 20 = 1		
Participarea efectivă în cadrul concursurilor de admitere/an	Comisii de supraveghere			1 x Nr	1x1=1		
	Comisii tehnice			2 x Nr	1x2=2		
	Comisii generatoare de subiecte/contestații			3 x Nr	3x1=3		
	Comisie centrală			4 x Nr			
Participarea efectivă în cadrul concursurilor de	Comisii de supraveghere			1 x Nr	1x1=1		

rezidențiat/an							
	Comisii tehnice			2 x Nr			
	Comisii generatoare de subiecte/contestații			3 x Nr			
	Comisie locală			4 x Nr			
Membru în comisii de specialist				1-3 x Nr			
Membru în comisii de primariat				1-3 x Nr			
Total punctaj					135.1		

Citări în reviste ISI și BDI:

902 – Conform Google Scholar

Membru în colective editoriale (de redacție)

UNAS - Romanian Journal of Dentistry - Scientific Editor
Journal of International Association Bulgaria (IMAB) – Editorial Board
Diseases (MDPI publishing house) - Editorial Board

Recenzor (reviewer) pentru reviste CNCSIS (cel puțin categoria B) sau reviste cotate ISI/BDI

Journal of Breath Research; The Anatomical Record; Journal of Oral Biology and Dentistry; Bioelectromagnetics, Frontiers in Medicine, Biology of the Cell, Oral Health and Dental Management, Trends in Analytical Chemistry, Analytical Letters, Odontology, Indian Journal of Dental Research, Current Drug Targets, Journal of Dentistry and Oral Hygiene, Archives of Oral Biology, Journal of Cellular and Molecular Medicine, Journal of Immunoassay and Immunochemistry, Revue Roumaine de Chimie, Obesity Research & Clinical Practice; Journal of Cancer, Journal of Cancer Research and Therapeutics, Oncology Letters; The Open Dentistry Journal; Food and Chemical Toxicology, Brazilian Oral Research, Analytical Biochemistry, Asian Journal of Research in Medical and Pharmaceutical Sciences , Antioxidants and Redox Signaling, Journal of Cancer and Tumor International , Chemical Science International Journal, World Journal of Surgical Oncology, International Journal of Biochemistry Research & Review

Premii/distincții internaționale

HATTON AWARD FINALIST 2010
88th Annual meeting of IADR
Selected by Japanese Association for Dental Research

AMERICAN CHEMICAL SOCIETY "BEST ORAL PRESENTATION" AWARD 2014
2ND International Conference on Analytical Chemistry

TRAVEL AWARD 2012, 2014
International Association for Dental Research, Continental Division

Premii/distincții naționale

"EUGEN MODY" BEST ORAL PRESENTATION AWARD 2013
Romanian Association of Medical Laboratories

Numarul de puncte se acordă în funcție de importanță.

TOTAL PUNCTAJ : **448.2**