

**Fișa de verificare a îndeplinirii standardelor minimale
în vederea obținerii atestatului de abilitare**
(în conformitate cu Anexele nr.20, 22 și 23 din O.M. 6560/2012,
publicat în Mon. Of. 890 bis/ 27.12.2012)
Candidat BOGDAN CALENIC

Nr. Crt.	Activitatea	Tipul activităților	Categoriile și restricții	Subcategoriile	Criterii proprii	Gradul de îndeplinire
0	1	2	3	4	5	6
1.	Didactică și profesională	1.1. Cărți și capitole de cărți de specialitate (cu ISBN) – autor/coautor a. Cărți publicate la edituri naționale ca prim autor/unic autor b. Cărți publicate la edituri naționale ca și coautor	1 capitol tratat internațional= 1 carte națională	Internațional	6 capitole: - 2 capitole autor principal - 4 capitole co-autor	Indeplinit
1 carte internațională = 3 cărți naționale			Național	3 carti: - 1 carte autor principal - 2 carti co-autor		
1.2. Cărți și capitole de cărți de specialitate (cu ISBN)- autor/coautor		Internațional	2 capitole autor principal/4 capitole - coautor			
		Național	1 carte autor principal/4 carti-capitole co-autor			
2.	Cercetare	2.1 Articole in extenso in reviste cotate ISI Thomson Reuters (<i>articole în reviste cu factor de impact</i>) în calitate de autor principal	Profesor – minim 6 articole		9 articole autor principal in reviste ISI Thomson Reuters	Indeplinit

		2.2. Articole in extenso în reviste și volume ale unor manifestări științifice indexate ISI sau în alte BDI	Profesor – minim 25 articole	1 articol ISI cu IF<1=3 articole în reviste indexate BDI, dar nu și invers 1 articol ISI cu IF≥1 = 5 articole în reviste indexate BDI, dar nu și invers (IF=impact factor)	42 articole in reviste indexate ISI si BDI (33 ISI si 9 BDI)	Indeplinit
		2.3 Granturi/proiecte câștigate prin competiție (director/responsabil de proiect) Director de proiect: Membru în echipa de cercetare:	Profesor – minim 3 granturi/proiecte, din care 1 ca director de proiect		Director de proiect: 3 granturi Membru in echipa de cercetare: 3 granturi	Indeplinit
		2.4 Articole publicate în rezumat în reviste și volumele unor manifestări științifice cu ISBN sau ISSN	Profesor – minim 8 articole, din care 3 în ultimii 5 ani		50 articole publicate in rezumat din care 33 in ultimii 5 ani	Indeplinit
3.	Recunoașterea și impactul activității	3.1. Premii 1.			5 premii	
		3.2 Citări în reviste ISI și BDI			372 (conform Thomson Reuters)	
		3.3 Prezentări invitate în plenul unor manifestări științifice naționale și internaționale			-	
		3.4. Profesor invitat (exclusiv ERASMUS)			-	
		3.5 Membru în colectivele de redacție sau comitete științifice, organizator de manifestări științifice 1.			2 - membru colective de redactie 1- organizator manifestari stiintifice	

		3.6 Recenzor pentru reviste și manifestări științifice naționale și internaționale indexate ISI/BDI Recenzor la următoarele reviste: 1.			Recenzor pentru 16 reviste ISI si BDI	
		3.7 Membru în comisii de doctorat (exclusive președinte)			-	
		3.8 Experiență de management în cercetare și/sau învățământ			Director proiect 4 granturi	
		3.9 Participare efectivă la manifestări științifice			30 participari	

1 ACTIVITATE DIDACTICA SI PROFESIONALA

1.1 Cărți și capitol de cărți de specialitate (cu ISBN) – autor/coauthor

a. Cărți publicate la edituri naționale ca prim autor/unic autor

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

b. Cărți publicate la edituri naționale ca și coautor

Maria Greabu, Alexandra Totan, Daniela Miricescu, Radu Rădulescu, **Bogdan Calenic**, Grile și subiecte de chimie și biochimie dentară, , Editura Standardizarea, București ,2014

Simona Mihai, **Bogdan Calenic**, Cristiana Tanase Coordonator: Radu Albulescu, Evaluarea profilului proteomic in cancer Tehnologia Multiplex - xMAP array, Editura - Constanta: Vif, 2013

1.2 Cărți și capitol de cărți de specialitate (cu ISBN)-autor/coautor

International

Maurizzio 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**

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

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

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

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

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

National

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

Mircea Tampa, Isabela Sarbu, Simona-Roxana Georgescu, **Bogdan Calenic**, Maria Greabu Tatuajele- o perspectivă dermatologică, *Dermatologia la interfața cu alte discipline*, Editura UMF Iasi, 2015

2 CERCETARE

2.1 Articole in extenso in reviste cotate ISI Thomson Reuters (*articole în reviste cu factor de impact*) în calitate de autor principal

9 - articole ISI Thomson Reuters de la ultima promovare in calitate de autor principal

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*, 2016, IF - 1,12

Calenic B (first author), 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*, 2016, IF - 0,31

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*, 2016, IF - 2,1

Virlean 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*, 2016, IF- 2.41

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*, 2016, IF - 2,1 (**main author - all authors equal contributions**)

Rusu D, Stratul SI, Festila D, Surlin P, Kasaj A, Baderca F, Boariu M, Jentsch H, Locovei C, **Calenic B (corresponding author)**. Histology and surface ultrastructure during early healing after gingival augmentation with a three-dimensional collagen matrix: A report of six cases. *Quintessence Int.* 2016, IF - 0.8

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*, 2015, IF - 0.77

Calenic B (first and corresponding author), Caruntu C, Greabu M, Battino M Oral Keratinocyte Stem/Progenitor Cells: Specific Markers, Molecular Signaling Pathways and Potential Uses, *Periodontology 2000*, 2015, IF - 3.632

Gugasa LA, van Staden RIS, Dima A, Visan CA, Streinu-Cercel A, Biris A, **Calenic B (last author)**, Fast screening of biological fluids for cytokines and adipokines using stochastic sensing, *Microelectronic Engineering*, 2015, IF - 1.19

2.2. Articole în extenso în reviste și volume ale unor manifestări științifice indexate ISI sau în alte BDI

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 - 0,3
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 (former) Central European Journal of Chemistry*, Accepted March 2015, Impact Factor - 1.329

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

Radulescu, R., Totan, A., **Calenic, B.**, Totan, C., Greabu, M. Biomarkers of Oxidative Stress, Proliferation, Inflammation and Invasivity in Saliva from Oral Cancer Patients. *Journal of Analytical Oncology*, 4 (1), 52-57, 2015.

Virlean J, **Calenic B**, Zaharia C, and Greabu M. "Silk fibroin and potential uses in regenerative dentistry-a systematic review." Stoma Edu J 2015.

Greabu, M. and **Calenic B**. Saliva: A Diagnosis Fluid for Oral and General Diseases. Organic Chemistry: Current Research, 2015

Miricescu D, Totan A, **Calenic B**, Mocanu B, Greabu M. Salivary and serum enzymes as diagnostic biomarkers in patients with periodontal disease. Stoma Edu J. 2014;1(1):22-27

Tanase C, Albuiescu 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, 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

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

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 1.68

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 Mesenchymal 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

2.3 Granturi/proiecte câștigate prin competiție (director/responsabil de proiect)

Director de proiect:

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

Perioada: 2015-2017

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

Suma: 125000 EUR

Titlu: Polymeric nanoparticle synthesis targeted for oral epithelial stem cells

Perioada: 2015-2016

Institutia finantatoare: **Fulbright Senior Grant - Fulbright Commission USA - Romania**

Suma: 10000 EUR

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

Perioada: 2011-2013

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

Suma: 70000 EUR

Membru în echipa de cercetare:

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

Perioada: 2010-2013

Institutia finantatoare: ANCS Romania – National Authority for Scientific Research

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

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

Perioada: 2011-2014

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

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

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

Perioada: 2010-2012

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

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

2.4 Articole publicate în rezumat în reviste și volumele unor manifestări științifice cu ISBN sau ISSN

Calenic B. et al., Novel VSCs detectors for human air, Japanese Society for Dental Health, September 2007

Calenic B. et al., Novel VSCs detector for human air: a most accurate detector on the market, The 4th Asian Division of the International Society for Breath Odor Research, Bangkok, May 2008

Li H. et al., "Clinical Evaluation of Novel VSCs Detector for Mouth Air Analysis, the 86th General Session & Exhibition of the International Association for Dental Research, Toronto, July, 2008

Calenic B. et al., Hydrogen Sulfide Induces Apoptosis in Human Gingival Epithelial Cell Line, the 86th General Session & Exhibition of the International Association for Dental Research, Toronto, July 2008

N. Ishkitiev, V. Mitev, B. Calenic, T. Nakahara, K. Yaegaki, Stem cell-like characteristics of Dental Pulp and Bone Marrow Cells, Japanese Association for Dental Research, November 2008, Nagoya, Japan

Calenic B. et al. Detecting VSCs, The 21st General Meeting of the Japanese Association for Dental Science

Calenic B. et al, Oral malodourous compound activates mitochondrial-depended apoptosis in gingival cells, the 87th General Session & Exhibition of the International Association for Dental Research, Miami, April 2009

Calenic B. *Diagnosis* (Organoleptic, instrumental analysis) BREATH 2009 International Conference on Breath and Breath Odor Research, Dortmund, Germany, April 2009

Tsutomu Sato, Nikolay Ishkitiev, Bogdan Calenic and Ken Yaegaki, Induction of cytokines and apoptosis in gingival cells by Cd exposure. 52th Annual meeting, Japanese Society of Periodontology, Okayama, Japan, May 2009

Calenic B. et al, Oral malodourous compound activates mitochondrial-depended apoptosis in gingival cells, the 87th General Session & Exhibition of the International Association for Dental Research, Miami, April 2010

K. Yaegaki, N. Ishkitiev, T Hirata, B. Calenic Developing Serum-free Media for Mesenchymal Dental Pulp Stem Cells, the 88th General Session & Exhibition of the International Association for Dental Research, Barcelona, July 2010

H. II, T. Imai, B. Calenic, Oral Malodorous Compound Induces Osteoclast Differentiation without RANKL, the 88th General Session & Exhibition of the International Association for Dental Research, Barcelona, July 2010

Yaegaki et al., Dental pulp tissue may involve multipotent stem cells, Pulp biology and regeneration group - International Association for Dental Research, Geneva, July 2010

Kobayashi C, Yaegaki K, Calenic B et al Hydrogen sulfide cause apoptosis in stem cells from human dental pulp, Pulp biology and regeneration group - International Association for Dental Research, Geneva, July 2010

Calenic B, Yaegaki K, Magnetic Separation and Characterization of Keratinocyte Stem-cells from Human Gingiva, the 88th General Session & Exhibition of the International Association for Dental Research, Barcelona, July 2010

Calenic B., Yaegaki K. Magnetic Separation and Characterization of Keratinocyte Stem-cells 59th General meeting of the Japanese Society for Dental Health, Niigata, October, 2010

Calenic B., Okamura K., Yaegaki K., Tovar S Apoptosis markers in oral lichen planus, The 58th General Session & Exhibition of the Japanese Association for Dental Research, Japan, November 2010

Aoyama I, Calenic B., Yaegaki K., Hydrogen sulfide induces apoptosis in osteoblasts, the 89th General Session & Exhibition of the International Association for Dental Research, San Diego, March 2011

Yaegaki K, Ishkitiev N, Calenic B Hydrogen sulfide increases hepatic differentiation of tooth pulp stem cells, the 89th General Session & Exhibition of the International Association for Dental Research, San Diego, March 2011

Bogdan Calenic, Ken Yaegaki, Maria Greabu, Andreea Didilescu Oral keratinocyte stem cells and oral epithelial equivalents, 45th Meeting of the Continental European Division of the International Association of Dental Research (CED-IADR) with the Scandinavian Division (NOF), Budapest, Hungary August 31-September 3, 2011

Ishkitiev N, Calenic B, Yaegaki K, Imai T, Nakahara T, Mitev V, Ishikawa H, Low levels of H₂S enhance hepatic differentiation of pulp stem-cells, 59th Annual Meeting of Japanese Association for Dental Research, Hiroshima, October 8-9, 2011

B Calenic, IA Paun, RS Van Staden, M Greabu, A Totan, D Miricescu, M Dinescu, Oral Keratinocyte Stem Cells Behavior on Specific Substrates PER/IADR Helsinki, Finland, September 12-15, 2012

I. A. Paun, Calenic B, R.I. Stefan van-Staden, M. Greabu, M. Zamfirescu, G. Dinescu, A. Moldovan and M. Dinescu; Laser-based Micro and Nanopatterning of Substrates for Guided Cell Behavior, International Symposium on Laser Precision Microfabrication, Washington DC, June, 2012

B Calenic, RS Van Staden, M Greabu, A Totan, D Miricescu, 91st General Session & Exhibition of the IADR, 42nd Annual Meeting & Exhibition of the AADR, 37th Annual Meeting of the CADR, Seattle, Wash., USA, **March 20-23, 2013**

B Calenic, D Miricescu, A Totan, M Greabu Oral Keratinocyte Stem Cells Physical Characteristics: Normal and Cancer Oral Mucosa, RAML Conference, Brasov, June 2013

M Greabu, A Totan, D Miricescu, Mohora M, Calenic B, The relationship between oral and systemic health: the need for a closer interdisciplinary collaboration, RAML Conference, Brasov, June 2013

A Totan, D Miricescu, Mocanu B, Calenic B, Mohora M, Casariu D, Greabu M, Gingival Crevicular fluid beta-crosslaps, osteocalcin and hsCRP - possible biomarkers in diagnosis and noninvasive monitoring of periodontal disease, RAML Conference, Brasov, June 2013

B Calenic, Greabu M, Miricescu D, Totan A, RI van Staden Oral Keratinocyte Stem Cells Properties: Normal and Inflamed Oral Gingiva, CED- IADR Florence, September 2013

B Calenic, M Greabu, Oral keratinocyte stem cells: isolation, molecular mechanisms and potential uses in regenerative dentistry, UNAS, Bucharest, October 2013 (invited speaker)

B Calenic, M Greabu, How to write a scientific paper, Student Dental Project, UNAS, Predeal, December 2013 (invited speaker)

Totan A, Miricescu D, Calenic B, Mocanu B, Greabu M New biomarkers for periodontal disease management in gingival crevicular fluid and saliva, 10th European Symposium on Saliva, Egmond aan Zee, the Netherlands, May 14-17, 2014

Calenic B, Miricescu D, Totan A, Greabu M Cytokeratin, Integrin and p53 Expression in Keratinocyte cells from Saliva, 10th European Symposium on Saliva, Egmond aan Zee, the Netherlands, May 14-17, 2014

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Radu Radulescu, Alexandra Totan, Daniela Miricescu, Bogdan Calenic and Maria Greabu, Salivary biomarkers of oxidative stress and inflammation in oral cancer, ABSTD conference, ACTA - Amsterdam, Olanda, Martie, 2016

Iulia Stanescu, Alexandra Totan, Radu Radulescu, Daniela Miricescu, Bogdan Calenic and Maria Greabu, Gingival crevicular fluid versus total saliva in periodontal diseases: oxidative stress and collagen degradation biomarkers, ABSTD conference, ACTA - Amsterdam, Olanda, Martie, 2016

Bogdan Calenic, Radu Radulescu, Alexandra Totan, Iulia Stanescu, Daniela Miricescu, Alina Dima, Cristian Baicus and Maria Greabu Salivary biomarkers of inflammation in systemic lupus erythematosus, ABSTD conference, ACTA - Amsterdam, Olanda, Martie, 2016

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Bogdan Ianca, Iulia-Ioana Stănescu, Bogdan Calenic, Alexandra Totan, Daniela Miricescu, Radu Rădulescu, Roxana-Maria-Justina Virilan, Maria Greabu Oxidative stress parameters in rats following oral polymeric

nanoparticles administration, Congresului Anual al Asociației Medicale Române. Academia Romana, Bucuresti, 25 - 27 aprilie 2016

Bogdan Calenic, Radu Eugen, Cristina Sabliov, Maria Greabu, R.I van Staden Interaction Between Polymeric Nanoparticles And Oral Keratinocyte Stem Cells, 3rd International Conference on Analytical Chemistry Iasi, Romania, August 28 – 31, 2016

Bogdan Calenic, Daniela Miricescu, Cristina Sabliov, Maria Greabu, R.I van Staden, Oxidative stress following PLGA nanoparticles administration to an animal model, 3rd International Conference on Analytical Chemistry Iasi, Romania, August 28 – 31, 2016

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Radulescu R, Totan A, Miricescu D, Calenic B, Greabu M, Salivary biomarkers of oxidative stress and local invasiveness in oral cancer, Conference of the Society-for-Free-Radical-Research-Europe (SFRR-E), Budapest, Hungary, Jun 08-11, 2016

Dima, A.; Calenic, B.; Balanescu, E.; et al. Salivary testosterone and 17-beta estradiol in systemic lupus erythematosus WCO-IOF-ESCEO World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases Location: Malaga, Spain, April 14-17, 2016

Totan A, Mohora A, Miricescu D, Radulescu R, Calenic B, Greabu M Selenium and 2 deiodinase: two hidden but important actors on hypothyroidism scene, RAML Conference, Cluj, Mai 2016

Radulescu R, Totan A, Miricescu D, Calenic B, Greabu M, Oral fluid based diagnostic for monitoring oxidative stress and inflammation in oral cancer, RAML Conference, Cluj, Mai 2016

Stanescu I, Totan A, Miricescu D, Radulescu R, Calenic B, Greabu M Gingival crevicular fluid –biomarkers for tissue degradation and oxidative stress in periodontal pathology, RAML Conference, Cluj, Mai 2016

Miricescu D, Totan A, Radulescu R, Calenic B, Stanescu I, Greabu M Salivary, gingival crevicular fluid and serum biomarkers useful in monitoring and progression of periodontal disease, RAML Conference, Cluj, Mai 2016

Greabu M, Totan A, Mohora A, Miricescu D, Radulescu R, Calenic B, Virilan J Hydrogen sulfide: novel insights into a double - faced biomolecule, RAML Conference, Cluj, Mai 2016

Calenic B, Radulescu R, Totan A, Miricescu D, Stanescu I, Dima A, Baicus C, Greabu M, Oral fluid based diagnostic for inflammation in systemic lupus erythematosus, RAML Conference, Cluj, Mai 2016

Bogdan Calenic, Interacțiunea mucoasă orală –nanoparticule polimerice / Interaction between oral mucosa and polymeric nanoparticles, Congres UMF Carol Davila, Bucuresti, Iunie 2016

Stanescu I, Totan A, Miricescu D, Radulescu R, Calenic B, Greabu M Salivary biomarkers of inflammation – clinical significance in systemic lupus erythematosus, Congres UMF Carol Davila, Bucuresti, Iunie 2016

Virilan J, Costea D, Calenic B, Biddle A, Mackenzie I, Sabliov C, Totan A, Grebu M Selective binding of Chitosan nanoparticles to cancer stem cells, Congres UMF Carol Davila, Bucuresti, Iunie 2016

3 RECUNOASTEREA SI IMPACTUL ACTIVITATII

3.1. Premii

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

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

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

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

3.2 Citări în reviste ISI și BDI

Web of Knowledge - Thomson Reuters - 361 citari; Hirsch Factor-13

3.3 Prezentări invitate în plenul unor manifestări științifice naționale și internaționale

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3.4. Profesor invitat (exclusiv ERASMUS)

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3.5 Membru în colectivele de redacție sau comitete științifice, organizator de manifestări științifice

Editor Stiintific - UNAS - Romanian Journal of Dentistry

Membru colectiv de redactie - Journal of International Association Bulgaria (IMAB)

Organizator manifestari stiintifice - Diaspora in Romanian Scientific Research and Education, September 25-28, 2012, Bucharest, Romania; Workshop: New frontiers in management of malignant diseases.

3.6 Recenzor pentru reviste și manifestări științifice naționale și internaționale indexate ISI/BDI

Recenzor la următoarele reviste:

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

3.7 Membru în comisii de doctorat (exclusive președinte)

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3.8 Experiență de management în cercetare și/sau învățământ

Director proiect - 4 granturi

3.9 Participare efectivă la manifestări științifice

30 participari