

# Curriculum vitae Europass



## Informații personale

Nume / Prenume

Adresă(e)

Telefon

Fax

E-mail

Naționalitate/cetățenie

Data nașterii

Sex

**Negruțiu Meda-Lavinia**

[negrutiu.meda@umft.ro](mailto:negrutiu.meda@umft.ro)

romana, franceza

feminin

**Locul de muncă vizat / Domeniul  
ocupational**

**Universitatea de Medicina si Farmacie Victor Babes din Timisoara,  
Facultatea de Medicina Dentara**

## Experiența profesională

Perioada	Perioada:	10.1996 – 02.1999,	01.1997 – 12.1998	12.1998 – 09.2003
	<b>Locul:</b>	Timisoara	Timisoara	Timisoara
	<b>Instituția:</b>	UMFT, Facultatea de Stomatologie	UMFT, Facultatea de Stomatologie	UMFT Facultatea de Stomatologie
	<b>Funcția:</b>	preparator	medic rezident stomatologie generala	medic specialist stomatologie generala
	<b>Descriere:</b>	Disciplina de Propedeutica si Materiale Dentare Timisoara (comunicare 113/01.10.1996)	(ordin M.S. nr.57/20.01.97)	(ordin M.S.nr.1011/10.12.1998)
	<b>Perioada:</b>	02.1999 – 02.2002	11.2000-06.2006	02.2002 – 05.2006
	<b>Locul:</b>	Timisoara	Timisoara	Timisoara
	<b>Instituția:</b>	UMFT, Facultatea de Stomatologie	Spitalului clinic Nr.1 Judetean	UMFT, Facultatea de Stomatologie
	<b>Funcția:</b>	asisten	medic specialist stomatologie generala	sef de lucrari
	<b>Descriere:</b>	la Disciplina de Propedeutica si Materiale Dentare, Facultatea de Stomatologie (comunicare nr.14/01.03.1999).	- integrare clinica 0,5 norma - Ambulatorul de Specialitate (comunicare nr.9484/11.2000)	la Disciplina de Propedeutica si Materiale Dentare, Facultatea de Medicina Dentara (comunicare nr.9/25.02.2002)
	<b>Perioada:</b>	05.2006 – 10.2013	09.2003 - prezent	06.2006 - prezent
	<b>Locul:</b>	Timisoara	Timisoara	Timisoara
	<b>Instituția:</b>	UMF "Victor Babeș"	UMFT Facultatea de Stomatologie	Spitalului Clinic Municipal
	<b>Funcția:</b>	conferențiar	medic primar stomatolog	medic primar stomatolog
	<b>Descriere:</b>	Disciplina de Propedeutică și Materiale Dentare, Facultatea de Medicina Dentara (ordinul Ministrului Educație și Cercetării 3820/03.05.2006)	(ordin M.S. nr.846/12.09.2003)	integrare clinica cumul funcții 0,5 norma- Ambulatorul de Specialitate (contract individual de munca nr.839/30.05.06)

**din octombrie 2013 - Profesor** la Disciplina de Propedeutică și Materiale Dentare (Tehnologia Protezelor Dentare), Facultatea de medicină Dentară, UMF "Victor Babeș" Timișoara (HS Nr.1/12514/21.10.2013)

**Prodecan al Facultății de Medicină Dentară** – 01.10.2013-31.03.2016

Funcția sau postul ocupat

**Profesor universitar** la Disciplina de Propedeutică și Materiale Dentare

**Decan al Facultății de Medicină Dentară** numită prin Decizia Rectorului Nr.120/31.03.2016, în baza HS nr.1/3714/31.03.2016, respectiv Decizia Rectorului Nr.133/25.03.2020, în baza HS nr.1/4579/25.03.2020

**Membru al Comisiei de specialitate CNATDCU 22 Medicină Dentară** – din 10.06.2016, numită prin OMEN 4106/10.06.2016 (pentru mandatul 2016-2020), respectiv prin OMEC nr. 4.676/07.07.2020 (pentru mandatul 2020-2024)

**Membru al Comisiei de experți permanenți C12-științe medicale ARACIS**

Activități și responsabilități principale

Activitate didactică și de cercetare, activitate managerială și administrativă ca decan, activitate de evaluare științifică, activitate de evaluare a calității educaționale în învățământul superior

Numele și adresa angajatorului  
Tipul activității sau sectorul de activitate

Universitatea de Medicină și Farmacie „Victor Babeș” Timișoara, Facultatea de Medicină Dentară,  
Pta E.Murgu Nr.2, cod.300041 Timișoara, RO  
Învățământ universitar

## Educație și formare

Perioada

Instituția	LICEUL DE MATEMATICA-FIZICA «NIKOLAUS LENAU» DIN TIMISOARA, SECTIA GERMANA	UNIVERSITATEA DE MEDICINA SI FARMACIE DIN TIMISOARA, FACULTATEA DE STOMATOLOGIE	UNIVERSITATEA DE MEDICINA SI FARMACIE DIN TIMISOARA, FACULTATEA DE STOMATOLOGIE
Perioada:	09.1985-07.1989	10.1990-07.1995	10.1997-11.2001
Grade sau diplome obținute	DIPLOMA DE ACALAUREAT	DIPLOMA DE DOCTOR MEDIC STOMATOLOG	DIPLOMA DE DOCTOR IN STOMATOLOGIE

**Confirmat conducător de doctorat în domeniul medicină dentară** în urma obținerii atestatului de abilitare - prin **OM 4898/18.08.2015** - Medicină Dentară

Calificarea / diploma obținută

Diploma de bacalaureat, diploma de doctor medic stomatolog, diploma de doctor in stomatologie, atestat de abilitare

Disciplinele principale studiate / competențe  
profesionale dobândite

- cursuri generale: anatomie, fiziologie, biochimie, biofizică  
- cursuri de specialitate: propedeutică și materiale dentare, protetică dentară, odontoterapie, endodonție, parodontologie, chirurgie oro-maxilo-facială, anesteziologie, policlinică stomatologică  
- din 1995 - prezent – peste 30 de cursuri postuniversitare și programe de perfecționare, printre care:  
Managementul Proiectelor de Cercetare Științifică Medicală și Farmaceutică (Timișoara, 15.03-22.04.2005);  
curs de perfecționare postuniversitar Restaurări provizorii imediate în protezarea fixă (Timișoara, 2005)  
- program postuniversitar de pregătire teoretică și practică pentru ceramica Vision Clasic și Vision Low (Timișoara, 2005); program postuniversitar de pregătire teoretică și practică Duceram Kiss (Timișoara, 2005);  
program postuniversitar de pregătire teoretică și practică SR-Adoro (Timișoara, 2005); program postuniversitar de pregătire teoretică și practică Sisteme integral ceramice CAD/CAM - Noritake (București, 2005); curs de perfecționare postuniversitar "Terapia cu laseri în medicina dentară" - modulul I, II, III (Timișoara, 2005-2007) - atestat în Utilizarea laserilor în medicina dentară (Timișoara 2007); atestat în Implantologie orală (Timișoara 2007)  
- Principles and applications of Optical Coherence Tomography (James Fujimoto, SPIE, Photonics West 2008 – San Jose, USA)  
- Modern Optical Testing - Field guide to interferometric optical testing (James Wyant, SPIE - Photonics West 2008 – San Jose, USA)  
- Structural adhesives for optical bonding, (John Daly, SPIE, Photonics West 2008 – San Jose, USA)  
- Principles of Diffraction, interferometry, Holography and Diffractive Optical Elements (Emmett Leith, SPIE, Photonics West 2008 – San Jose, USA) etc.

Numele și tipul instituției de învățământ /  
furnizorului de formare  
Nivelul în clasificarea națională sau  
 internațională

Universitatea de Medicină și Farmacie „Victor Babeș” Timișoara, Facultatea de Medicină Dentară

Prof.Univ.Dr. abilitat / University Professor, DMD, PhD, habil.

## Aptitudini și competențe personale

Limba(i) maternă(e)

Romana

Limba(i) străină(e) cunoscută(e)

Germana, Engleza, Franceza

Autoevaluare

Nivel european (\*)

Înțelegere				Vorbire				Scriere	
Ascultare		Citire		Participare la conversație		Discurs oral		Exprimare scrisă	
1	Germana	C2	F. bine	C2	F. bine	C2	F. bine	C2	F. bine
2	Engleza	B2	bine	B2	bine	B2	bine	B2	Bine
3	Franceza	B2	bine	B2	bine	B2	bine	B2	Bine

(\*) Nivelul Cadrului European Comun de Referință Pentru Limbi Străine

Limba

Competențe și abilități sociale

Vicepresedinte al Departamentului de Asigurare a Calității Educaționale din UMFVB Timișoara -  
perioada 06.2012-10.2013

Competențe și aptitudini organizatorice

Organizator congres laseri in stomatologie; Congres Zilele Stomatologice bănățene, Congres biomateriale si medicina regenerativă BIOREMED

Competențe și aptitudini tehnice

Utilizarea de dispozitive tehnice si tehnologice implicate in tehnica dentara, medicina dentara, optica electronica, investigatii invazive si noninvazive

Competențe și aptitudini de utilizare a  
calculatorului

Utilizare PC, Microsoft Office

Competențe și aptitudini artistice

Pian

Alte competențe și aptitudini

Permis(e) de conducere

Permis de conducere auto, categoria B

## Informații suplimentare

- from 01/04/2016 to 31/12/2019 - **Visiting Professor** in the School of Physical Sciences, University of Kent, Canterbury, UK  
- from 15/11/2012 to 31/12/2015 - **Visiting Senior Lecturer** in the School of Physical Sciences, University of Kent, Canterbury, UK ,  
- from 25th July 2007 to 31st December 2010 - **Visiting Research Fellow** in the School of Physical Sciences University of Kent, Canterbury, UK and member of Keynes College.  
- Scientific expertise in approached domain: from May 2005 registered at Registrul National al Expertilor in Invatamantul Superior si Cercetare (RNE- list 1- position 412), active participation at evaluations in CNCISIS, CEEX, PNII and Swiss National Science Foundation competitions; etc  
Inscrisa in Registrul National de Evaluatori ARACIS, comisia 12 - de stiinte medicale  
Activitatea de cercetare si competentele sale se situeaza in domeniul materialelor dentare si a tehnologiilor de realizare a protezelor, investigatii imagistice in medicina dentara – tomografie optica de coerenta, managementul proiectelor de cercetare stiintifica in medicina si farmacie, principiile si aplicatiile tomografiei optice de coerenta, testari optice moderne, testari interferometrice, adeziivi pentru adeziuni in optica, principiile difracției, interferometrie, holografie si elemente de difracție optica, articulatori, tehnologia de injectare a polimerilor, studii de simulare numerica, tehnologii de solidarizare si sudura (plasma, laser), tehnologii neconventionale de investigare, analiza si prognostic in medicina dentara.

Am facut parte din grupul de cercetare care a dezvoltat primul sistem de tomografie optica de coerenta in modurile Time Domain si Spectral Domain dedicat medicinei dentare din estul Europei. 646 lucrari stiintifice – 364 publicatii (**199 listate in ISI Web of Science**) si 431 comunicari orale nationale si internationale. Este autor si coautor a 21 de monografii si 6 cursuri, coautor la 2 brevete OSIM acordate (RO 131840 B1/30.12.2020; RO 121317 B1/29.05.2009) si la alte 5 propuneri de brevete OSIM.

Conform **Web of Science**, **Indicele Hirsch (H Index WOS)** este **14**. Numarul total de de citări, excluzand autocitarile este 605. Adresa profilului researcherid.com este:

<http://www.researcherid.com/rid/B-6974-2008> , respectiv Publons

<https://publons.com/researcher/2886104/meda-lavinia-negrutiu/>

**H Index Scopus - 18; H Index Google Scholar - 23**

Am fost membru in Comitetul de Management, reprezentand Romania, a **FP7 COST Action MP1005 NAMABIO** "From NAno to MAcroBIOmaterials (design, processing, characterization, modeling) and applications to stem cells regenerative orthopedic and dental medicine". (April 14, 2011-April 13, 2015) - [http://www.cost.eu/domains\\_actions/mpns/Actions/MP1005?management](http://www.cost.eu/domains_actions/mpns/Actions/MP1005?management)

Am fost membru in Comitetul de Management, reprezentand Romania, a **FP7 COST Action FP1101 - Assessment, Reinforcement and Monitoring of Structures** (22 November 2011- 21 November 2015) [http://www.cost.eu/COST\\_Actions/fps/Actions/FP1101?management](http://www.cost.eu/COST_Actions/fps/Actions/FP1101?management)

Am fost director proiect - **JINR (01-3-1137-2019/2023)** - Bio-magnetic active membranes for oral implantology – 2019

Sunt reprezentant al partenerului Faculty of Dental Medicine, "Victor Babes" University of Medicine and Pharmacy Timisoara în **CEEPUS Network PL-1705-01-2223 - INTEGRATION** Development, education and practical improvement in the field of multifaceted problems of designing and manufacturing products for industrial and biomedical purposes – 2022-2023

Am fost membra in echipele de cercetare a 11 granturi/proiecte naționale - la 3 dintre acestea fiind director de proiect și 1 responsabil de proiect:

1. Grant CNCISIS At 13/2005 - Elaborarea unei tehnologii și instalații de generare a protezelor parțiale fixe și studiul interfețelor acestora cu țesuturile dure dentare - Negruțiu Meda- Lavinia- director de proiect, perioada de desfășurare 2005-2006, valoare 95000 lei, finanțator UEFISCDI (CNCISIS)
2. Grant CEEX ET 41/2006, contract 1446/29.03.2006 - Tehnici neconventionale de evaluare și optimizare a protezelor dentare - Negruțiu Meda-Lavinia - director de proiect, perioada de desfășurare 2006-2007, valoare 140000 lei, finanțator UEFISCDI (CEEX)
3. Grant CNCISIS A 1032/2007 - Optimizarea comportamentului biomecanic al protezelor partiale prin introducerea unui nou sistem special de mentinere sprijin stabilizare si generarea unor masuri moderne de igienizare si intretinere, Negruțiu Meda-Lavinia - director de proiect, perioada de desfășurare 2007-2008, valoare 192160 lei, finanțator UEFISCDI (CNCISIS)
4. Grant PNII Parteneriate 2011, code PN-II-PT-PCCA-2011-3.2-1682, contract 22/2012 - Optical Coherence Tomography (OCT) systems with handheld and endoscope probes for real-time investigations in material studies and for in vivo medical imaging (OCT-MSMI) – CO – Coordinator - Aurel Vlaicu University of Arad; Negruțiu Meda-Lavinia – responsabil de proiect pentru partenerul 3 (UMFVBT), perioada de desfășurare 2012-2016, valoare 1191300 lei (380000 lei/UMFVBT)

Sunt membră a ADEE, Asociatiei de Cercetare Multidisciplinara din Zona de Vest a României, Societatea Romana de Biomateriale, Societatea Romana de Laseri in Stomatologie, Societatea Romana de Informatica Medicala, Societatea Romana de Medicina si Biologie, Societatea Romana de Estetica Dentara, SPIE, OSA

## Anexe

Lista de lucrări



## LISTA DE LUCRĂRI PROF. DR. MEDA-LAVINIA NEGRUȚIU

### 1. Publicații relevante

1. Țogoe MM, Caplar BD, Crăciunescu EL, Miok K, Stoia DI, Cernescu A, Pop DM, Sinescu C, Romînu M, Negrutiu ML, Mechanical and fractographic assessment of different types of endodontic post systems used in the restoration of devitalized teeth, Romanian Journal of Oral Rehabilitation, 15(3):54-60, eISSN: 2066-7000, WOS:001083914900005, Published JUL-SEP 2023, IF 0.7/2022 (*ultim autor = autor principal*)
2. Tigmeanu, CV; Ardelean, LC; Rusu, LC; Negrutiu, ML, Additive Manufactured Polymers in Dentistry, Current State-of-the-Art and Future Perspectives-A Review, POLYMERS, Volume14, Issue17, Article Number 3658, eISSN: 2073-4360, DOI10.3390/polym14173658, Published SEP 2022, WOS:000851710300001, PubMed ID 36080732, IF 5/2022 (*ultim autor = autor principal*)
3. Orel, L; Velea-Barta, OA; Sinescu, C; Duma, VF; Nica, LM; Horhat, RM; Chirila, RD; Tudor, A; Vulcanescu, DD; Negrutiu, ML, Comparative Assessment of the Shaping Ability of Reciproc Blue, WaveOne Gold, and ProTaper Gold in Simulated Root Canals, MATERIALS, Volume 15, Issue 9, Article Number 3028, eISSN: 1996-1944, DOI10.3390/ma15093028, Published MAY 2022, WOS:000794521600001, PMID 35591361, IF 3.748 /2021 (*ultim autor = autor principal*)
4. Roi, A; Andreescu, NI; Roi, CI; Negrutiu, ML; Sinescu, C; Ravis, M; Boruga, MV; Rusu, LC, Comparative Analysis of COL9A1 Genotyping in Oral Squamous Cell Carcinoma Diagnosis: A Pilot Study, APPLIED SCIENCES-BASEL, Volume 11, Issue 23, Article Number 11102, eISSN 2076-3417, DOI10.3390/app112311102, Published DEC 2021, Indexed 2022-01-04, WOS:000735026400001, IF 2.838/2021 (*corresponding author = autor principal*)
5. Orel, L, Velea-Barta, OA, Nica, LM, Boscornea-Puscu, AS, Horhat, RM, Talpos-Niculescu, RM, Sinescu, C, Duma, VF, Vulcanescu, DD, Topala, F, Negrutiu, ML, Evaluation of the Shaping Ability of Three Thermally Treated Nickel-Titanium Endodontic Instruments on Standardized 3D-printed Dental Replicas Using Cone-Beam Computed Tomography, MEDICINA-LITHUANIA, SEP 2021, Volume57, Issue 9, Article Number 901, ISSN1010-660X, eISSN1648-9144, DOI10.3390/medicina57090901, WOS:000700656700001, PMID34577824, IF 2.948 /2021 (*ultim autor = autor principal*)

FACULTATEA DE MEDICINĂ DENTARĂ

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Tel: +40256220480; Fax: +40256220480; Email: stoma@umft.ro, [www.umft.ro](http://www.umft.ro)



6. Hategan, SI; Kamer, SA; Craig, RG; Sinescu, C; de Leon, MJ; Jianu, DC; Marian, C; Bora, BI; Dan, TF; Birdac, CD; Marcu, A; Kamer, AR; Negrutiu, ML, Cognitive dysfunction in young subjects with periodontal disease, NEUROLOGICAL SCIENCES, 42 (11) , pp.4511-4519, Early access iconEarly Access: FEB 2021, ISSN: 1590-1874, eISSN: 1590-3478 DOI: 10.1007/s10072-021-05115-3, WOS:000619690900003, PMID: 33606127., IF 3.83 /2021  
*(ultim autor = autor principal)*
7. Togoe, MM; Craciunescu, EL; Topala, FI; Sinescu, C; Nica, LM; Ionita, C; Duma, VF; Rominu, M; Podoleanu, AG; Negrutiu, ML, Endodontic fillings evaluated using en face OCT, microCT and SEM, ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume 62, Issue 3, Page 793-800, ISSN1220-0522, eISSN2066-8279, DOI10.47162/RJME.62.3.17, Published 2021, Indexed2022-03-31, WOS:000767609300016, PMID35263408, IF 0.833/2021 *(ultim autor = autor principal)*
8. Idorasi, L; Craciunescu, EL; Stan, AT; Sinescu, C; Chis, AC; Onchis-Moaca, D; Rominu, M; Negrutiu, ML; Morphological aspects in remineralizing potential of Silver Diamine Fluoride, ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume 62, Issue 2, Page 537-543, ISSN1220-0522, eISSN2066-8279, DOI10.47162/RJME.62.2.20, Published 2021, Indexed 2022-02-03, WOS:000743883200015, PMID35024742, IF 0.833/2021 *(ultim autor = autor principal)*
9. Zaharia, C; Duma, VF; Sinescu, C; Socoliuc, V; Craciunescu, I; Turcu, RP; Marin, CN; Tudor, A; Rominu, M; Negrutiu, ML, Dental Adhesive Interfaces Reinforced with Magnetic Nanoparticles: Evaluation and Modeling with Micro-CT versus Optical Microscopy, MATERIALS, Volume: 13, Issue: 18, Article Number: 3908, DOI: 10.3390/ma13183908, WOS 000580764500001, ISSN: 1996-1944, Published: SEP 2020; IF 3.623 /2020 *(ultim autor = autor principal)*
10. Hategan, SI; Kamer, AR; Sinescu, C; Craig, RG; Jivanescu, A; Gavrilovici, AM; Negrutiu, ML, Periodontal disease in a young Romanian convenience sample: radiographic assessment, BMC ORAL HEALTH, Volume: 19, Article Number: 94, pg.1-8, Published: MAY 29 2019, ISSN: 1472-6831, DOI: 10.1186/s12903-019-0774-9, WOS:000469470400004, IF 1.911/2019  
*(reprint author = autor principal; ultim autor = autor principal)*
11. Zaharia, C; Sinescu, C; Gabor, AG; Cojocariu, AC; Socoliuc, V; Szuhane, C; Negrutiu, ML, MicroCT Analisys of Dental Adhesives Loaded with Nanoparticles, REVISTA DE CHIMIE, Volume: 70, Issue: 5, Pages: 1769-1773, Published: MAY 2019, ISSN: 0034-5672, WOS:000470086400053, IF 1.755/2019 *(ultim autor = autor principal)*
12. Gavrilovici A. M., Anitas E. M., Chirigiu L., Bica I., Negrutiu M. L., Magnetodielectric Effects in Magnetorheological Elastomers Based on Polymer Fabric, Silicone Rubber and Magnetorheological Suspension, Research Article, Advances in Polymer Technology, Volume 2019, Article ID 1983547, 5 pages, Published: JAN 23 2019, ISSN: 0730-6679' eISSN: 1098-



2329 <https://doi.org/10.1155/2019/1983547>, WOS:0004933800000011, F 1.539/2019 (*ultim autor = autor principal*)

13. Maroiu, AC; Sinescu, C; Negru, R; Marsavina, L; Bretean, ID; Duma, VF; Rominu, M; Bortun, CM; Negrutiu, ML, Evaluation of the Adhesion of a Novel Design of Veneers to Dental Materials, REVISTA DE CHIMIE, Volume: 68, Issue: 9, Pages: 2125-2128, Published: SEP 2017, IF 1.412/2017 (*ultim autor = autor principal*)
14. Crăciunescu EL, Boariu M, Ioniță C, Pop DM, Sinescu C, Romînu M, Negrutiu ML, Micro-CT and optical microscopy imagistic investigations of root canal morphology, Rom J Morphol Embryol 2016, 57(3):1069–1073, IF 0,670/2016 (*ultim autor = autor principal*)
15. Marcautuanu, C; Bradu, A; Sinescu, C; Topala, FI; Negrutiu, ML; Podoleanu, AG, Quantitative evaluation of dental abfraction and attrition using a swept-source optical coherence tomography system, JOURNAL OF BIOMEDICAL OPTICS, 19 (2), Article Number: 021108, DOI: 10.1117/1.JBO.19.2.021108, feb 2014, IF 2,859/2014 (*autor principal - reprint author*)
16. Negrutiu ML, Sinescu C, Draganescu G, Rominu RO, Romînu M, Rusu LC, Ardelean L, Pop DM, Petrescu EL, Podoleanu AGh, Topala FI, Laser Microspectral Analysis for Validation of en-face OCT Imagistic Evaluation of Micro leakage between the Metallic Framework and Veneer Materials in Fixed Partial Prostheses, REV CHIM-Bucharest, 62 (12): 1185-1188, 2011, ISSN 0034-7752, IF 0.599/2011 (*autor principal – prim autor*)
17. Sinescu, C; Negrutiu, ML; Todea, C; Balabuc, C; Filip, L; Rominu, R; Bradu, A; Hughes, M; Podoleanu, AG - Quality assessment of dental treatments using en-face optical coherence tomography, JOURNAL OF BIOMEDICAL OPTICS 13 (5): Art no. 054065(1-8) , 2008, ISSN 1083-3668, IF 2.970/2008 (*autor principal - reprint author*)





## 2. DOCTORAT. ABILITARE

Titlul tezei de doctorat

**"Optimizarea protezelor mobile prin procedee de injectare a polimerilor"**

**("Optimization of removable dentures by polymer injecting procedures")**

Conducătorul de doctorat: Prof.univ.dr.Dorin Bratu

Titlul științific obținut - **DOCTOR în domeniul STOMATOLOGIE** - prin ordinul MEC nor. 5285 din 28.12.2001, diploma seria C Nr.0004178

Titlul tezei de abilitare

**" Alternative technologies and investigation methods in dentistry"**

Confirmat ca și **conducător de doctorat în domeniul medicină dentară în urma obținerii atestatului de abilitare prin Ordinul Ministrului nr. 4898/18.08.2015**

## 3. GRANTURI/PROIECTE

### INTERNAȚIONALE

1. FP7 COST ACTION MP1005 - NAMABIO “From NAno to MACroBIOmaterials (design, processing, characterization, modeling) and applications to stem cells regenerative orthopedic and dental medicine”, 14. Aprilie 2011 - 13. Aprilie 2015 - Reprezentant pentru România în Management Comitee
2. FP7 COST Action FP1101 - Assessment, Reinforcement and Monitoring of Structures (22 November 2011- 21 November 2015) - Reprezentant pentru România în Management Comitee
3. JINR (01-3-1137-2019/2023) - Bio-magnetic active membranes for oral implantology – 2019 – director proiect – Meda-Lavinia Negrutiu
4. CEEPUS Network PL-1705-01-2223 - INTEGRATION Development, education and practical improvement in the field of multifaceted problems of designing and manufacturing products for industrial and biomedical purposes – reprezentant al partenerului Faculty of Dental Medicine, “Victor Babes” University of Medicine and Pharmacy Timisoara

FACULTATEA DE MEDICINĂ DENTARĂ

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## NAȚIONALE

1. Program de cercetare interdisciplinară Orizont 2000 - contract nr.15.7 - Cercetari pentru realizarea aparaturii unui laborator zonal pentru testarea si evaluarea calitatii unor biomateriale dentare - realizat in cadrul Disciplinei de Propedeutica si Materiale Dentare din Facultatea de Medicina Dentara a UMF "Victor Babes" Timisoara, in colaborare cu S.C. INTELERC S.A. si cu ISIM Timisoara (1996-1998) - faza 2 - Conceperea si realizarea instalatiei pentru testarea capacitatii de injectare a biomaterialelor polimerice destinate protezelor dentare - Bratu D. (director de proiect), Negrutiu M, Florita S., Csasar L. - perioada 1996-1997 - finantat de Ministerul Educatiei si Cercetarii
2. Grant CNCSIS At 54- Studii numerice și experimentale ale procedeeleor restauratoare directe și indirecte ale aparatului dento-maxilar cu materiale heterogene - Rominu M. (director de proiect), Negrutiu M, Sinescu C., Lakatos S. - perioada 2001-2002 - contract nr.35535/2001, grant nr.5
3. Grant CNCSIS At 13/2005 - Elaborarea unei tehnologii și instalații de generare a protezelor parțiale fixe și studiul interfețelor acestora cu țesuturile dure dentare - **Negruțiu Meda-Lavinia- director de proiect**, perioada de desfășurare 2005-2006, valoare 95000 lei, finanțator UEFISCDI (CNCSIS)
4. Grant CEEEX ET 41/2006, contract 1446/29.03.2006 - Tehnici neconventionale de evaluare și optimizare a protezelor dentare - **Negrutiu Meda-Lavinia - director de proiect**, perioada de desfășurare 2006-2007, valoare 140000 lei, finanțator UEFISCDI (CEEEX)
5. Grant CEEEX 82/2006, P-CDI (modulul I) - Optimizarea tratamentelor dento-parodontale prin utilizarea tehnologiei laser – Testări multidisciplinare - Negruțiu Meda - membru în echipa de cercetare (director de proiect - Prof.Dr.Todea Carmen) - 2006-2008
6. Grant CNCSIS A 1032/2007 - Optimizarea comportamentului biomecanic al protezelor partiale prin introducerea unui nou sistem special de mentinere sprijin stabilizare si generarea unor masuri moderne de igienizare si intretinere, **Negrutiu Meda-Lavinia - director de proiect**, perioada de desfășurare 2007-2008, valoare 192160 lei, finanțator UEFISCDI (CNCSIS)
7. Grant PNII Idei 1741 - Metode neconventionale de analiza si prognostic pentru tehnologii moderne de realizare a protezelor dentare, Sinescu Cosmin (director de proiect), Negruțiu Meda, Rominu Mihai, Florita Zeno, Negru Radu, 2009-2011

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8. Grant PNII Idei 1752 - Dezvoltarea de metode optoelectronice de explorare si diagnostic precoce a afectarii vitalitatii dintilor slefuiti in scop protetic si a inflamatiei gingiei marginale, optimizarea tehnicii de lucru, Miron Mariana Ioana (director de proiect), Todea Carmen, Dodenciu Dorin, Negrutiu Meda, Filip Laura, Balabuc Cosmin, 2009-2011
9. Grant PNII Idei 1754 - Depistarea precoce si monitorizarea efectelor bruxismului prin metode moderne, Mărcăuțeanu Corina (director de proiect), Negrutiu Meda, Sinescu Cosmin, Stoica Tunde Eniko, Goguta Luciana, Jivanescu Anca, 2009-2011
10. Grant PNII Parteneriate 2011, code PN-II-PT-PCCA-2011-3.2-1682, contract 22/2012 - Optical Coherence Tomography (OCT) systems with handheld and endoscope probes for real-time investigations in material studies and for in vivo medical imaging (OCT-MSMI) – CO – Coordinator - Aurel Vlaicu University of Arad; **Negrutiu Meda-Lavinia – responsabil de proiect pentru partenerul 3 (UMFVBT)**, perioada de desfășurare 2012-2016, valoare 1191300 lei (380000 lei/UMFVBT)
11. POSDRU/18/1.2/G/40067- STANDARDE DE CALITATE ȘI INDICATORI DE PERFORMANȚĂ SPECIFICI PENTRU ÎNVĂȚĂMÂNTUL SUPERIOR DIN DOMENIUL SĂNĂTĂȚII – coordonator - UMF "Iuliu Hațieganu" Cluj-Napoca, responsabil partener pentru UMFVBT - Prof.Univ.Dr. Marius Raica, Negrutiu Meda-Lavinia - membru - expert calitate pentru medicină dentară
12. POSDRU/86/1.2/S/63815 - Calitate și competență profesională europeană în educația medicală și în managementul activităților educaționale– coordonator - UMFVBT - Prof.Univ.Dr. Marius Raica, Negrutiu Meda-Lavinia - membru - expert calitate pentru medicină dentară
13. SIPOCA/SMIS2014+: 16 - Competența face diferența! Proiect selectat în cadrul Programului Operațional Capacitate Administrativă cofinanțat de Uniunea Europeană, din Fondul Social European; Axa prioritară 1: Administrație publică și sistem judiciar eficiente; Titlul proiectului: “Îmbunătățirea politicilor publice în învățământul superior și creșterea calității reglementărilor prin actualizarea standardelor de calitate - QAFIN”; Cod SIPOCA/SMIS2014+: 16; Proiect cofinanțat din Fondul Social European prin Programul Operațional Capacitate Administrativă 2014-2020; Beneficiar: Ministerul Educației; Partener: Agenția Română de Asigurare a Calității în Învățământul Superior – ARACIS; Negrutiu Meda-Lavinia - membru din cadrul UMFVB Timisoara - expert calitate pentru medicină dentară

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#### 4. Brevete OSIM (nationale) și cereri de brevet

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2. brevet OSIM RO 121317 B1, eliberat în 29.05.2009 - PROCEDEU SI INSTALATIE PENTRU REALIZAREA PROTEZELOR DENTARE DIN BIOMATERIALE POLIMERICE - Bratu Dorin, Negrutiu Meda-Lavinia, Florita Serban Mihai, Racovicean Aurel, Florita Zeno Alexandru; nr. dosar a 2002 00548, clasa principală A61C 13/01
3. Cerere de brevet la OSIM :Serban C, Novac AC, Neagu CS, Zaharia C, Jivanescu A, Leretter MT, Rominu M, Negrutiu ML, Borcan F, Sinescu C, Levai C. Veneer-Retained Fixed Partial Denture with Axial Grip Extensions. Romania Patent A100486. Filed August 10, 2022.
4. cerere de brevet la OSIM pentru inventia GHID DE AMPRENTARE DENTARĂ ȘI METODĂ DE UTILIZARE –Cojocariu Andreea-Codruța, Sinescu Cosmin, Kabai Laszlo, Negrutiu Meda-Lavinia, Romînu Mihai, leretter Marius, Jivănescu Anca, Crăciunescu Emanuela Lidia, Neagu Carina Sonia, Levai Mihaela Codrina, nr.înregistrare A/00523/19.08.2020
5. cerere de brevet la OSIM RO 132373 A0 pentru inventia APARAT PORTABIL PENTRU MODELARE CU CEARĂ DENTARĂ – Krems Cristina, Sinescu Cosmin, Podariu Angela Codruta, Negrutiu Meda-Lavinia, Levai Mihaela Codrina, Cojocariu Andreea Codruța, Marcu Cristian, nr. înreg. a2017 00660, clasa principală A61C 13/20, cerere publicată în 28.02.2018 în BOPI nr.2/2018; [https://osim.ro/wp-content/uploads/Publicatii-OSIM/BOPI-Inventii/2018/bopi\\_inv\\_02\\_2018.pdf](https://osim.ro/wp-content/uploads/Publicatii-OSIM/BOPI-Inventii/2018/bopi_inv_02_2018.pdf); pg.13-14
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## 5. Articole (altele decât cele de la punctul 1) publicate în reviste cotate ISI (cu Factor de Impact > 0)

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